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SERIES NUMBER 44

BOWDOIN COLLEGE BULLETIN

CATALOGUE NUMBER

1912 1913

BRUNSWICK, MAINE
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DECEMBER, 1912

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& the Medical School of Maine

FOR THE YEAR 1912-1913

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BRUNSWICK, MAINE
Printed for the College . MDCCCCXII

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Calendar

BOWDOIN COLLEGE

1912.

September 26 . First Semester began—Thursday, 8.20 A. M.
October 12 . . Columbus Day.
Thanksgiving recess from 12.30 P. M. *November* 27 *to* 8.20 A. M. *December* 2.
Vacation from 12.30 P. M. *December* 21 *to* 8.20 A. M. *January* 2, 1913.

1913.

January 16 . . Class of 1868 Prize Speaking.
Jan. 30-Feb. 8 Examinations of the first Semester.
February 10 . Second Semester begins—Monday, 8.20 A. M.
February 22 . Washington's Birthday.
Vacation from 4.30 P. M. *March* 28 *to* 8.20 A. M. *April* 8.
April 19 . . . Patriots' Day.
May 30 . . . Memorial Day.
June 6 . . . Ivy Day.
June 5-7 . . . Examinations at Preparatory Schools.
June 12-21 . . Examinations of the Second Semester.
June 22 . . . The Baccalaureate Sermon, 4 P. M.
June 23 . . . Alexander Prize Speaking.
June 24 . . . Class Day.
Meeting of the Trustees and Overseers.
Meeting of the Maine Historical Society.
June 25 . . . Annual Meeting of the Phi Beta Kappa, Alpha of Maine.
The President's Reception.
June 26 . . . Annual Meeting of the Alumni Association.
The Commencement Exercises of the College.
The Commencement Dinner.
June 26-28 . . Entrance Examinations in Brunswick.
Summer Vacation of Thirteen Weeks.
Sept. 22-24 . . Entrance Examinations in Brunswick.

Bowdoin College

September 25 . First Semester begins—Thursday, 8.20 A. M.
Thanksgiving recess from 12.30 P. M. *November* 26 *to* 8.20 A. M. *December* 1.
Vacation from 12.30 P. M. *December* 23 *to* 8.20 A. M.
1914. *January* 6, 1914.
Jan. 29-Feb. 7 Examinations of the First Semester.
February 9 . . Second Semester begins—Monday, 8.20 A. M.
June 25 . . . Commencement.

MEDICAL SCHOOL OF MAINE

1912.
October 17 . . Ninety-third annual course began.
Entrance Examinations for First Year Students, in Brunswick.
October 18-19 Re-examinations, deferred Examinations, and Examinations for Advanced Standing.
Thanksgiving recess from 1.30 P. M. *November* 27 *to* 8 A. M. *December 2.*
Vacation from 4.30 P. M. *December* 21 *to* 8 A. M.
1913. *January* 2, 1913.
February 22 . Washington's Birthday.
Vacation from 1.30 P. M. *March* 29 *to* 8 A. M. *April* 8.
May 30 . . . Memorial Day.
June 11-25 . . Examinations.
June 25 . . . Commencement Exercises of the Medical School.
Summer Vacation of Sixteen Weeks.

Office Hours

The Treasurer, Massachusetts Hall; 9 to 12, 2 to 4; Saturday, 9 to 12.
The Dean, Massachusetts Hall; 12.30 to 1 daily except Saturday. 2 to 3, Monday, Tuesday and Friday. The office is open every afternoon except Saturday from 1.30 to 4.30.

BOWDOIN COLLEGE

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The College was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a stanch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Honorable James

Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minister at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his lifetime he gave land, money, and apparatus to the College, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the College for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The government of the College is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

The academical, medical and honorary graduates number together five thousand nine hundred and sixty; and nearly half as many more have studied here without taking degrees. The living graduates number over three thousand one hundred.

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Bowdoin College

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THOMAS JEFFERSON EMERY, A.M., *Boston, Mass.*
ALPHEUS SANFORD, A.B., *Boston, Mass.*
HENRY CROSBY EMERY, PH.D., LL.D., *New Haven, Conn.*

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Committees of the Boards

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Messrs. Cole, Cobb, Conant, Hale and Morrill.

EXAMINING

Messrs. Chamberlain, Johnson, Herrick, Sanford, Cousins and Mallett.

FINANCE

Messrs. Putnam, Stanwood, Moses and Hale.

HONORARY DEGREES

The President of the Board of Overseers (*ex officio*) and Messrs. Hubbard, Payson, E. U. Curtis, Mitchell, Hawes and Bell.

*Died August 18, 1912.

Bowdoin College

VACANCIES IN THE COLLEGE

Messrs. Hubbard, Lewis, Cutler and Burton.

VACANCIES IN THE MEDICAL SCHOOL

Messrs. Payson, Lewis, Moore and Peters.

ART INTERESTS

Messrs. Chamberlain and Baxter.

GROUNDS AND BUILDINGS

The Treasurer, with Professors Files and Hutchins from the Faculty.

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ALFRED MITCHELL, M.D., LL.D., *Professor Emeritus of Internal Medicine.* 163 Maine Street.

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ADDISON SANFORD THAYER, A.B., M.D., *Professor of Medicine and Dean of the Medical Faculty.* 10 Deering Street, Portland.

WILLIAM ALBION MOODY, A.M., *Wing Professor of Mathematics.* 60 Federal Street.

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.* 211 State Street, Portland.

*The residence is in Brunswick, except as otherwise stated.

Bowdoin College

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.* 183 Maine Street.

ALFRED KING, M.D., Sc.D., *Professor of Surgery.* 610 Congress Street, Portland.

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology and Otology.* 180 State Street, Portland.

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HENRY HERBERT BROCK, A.B., M.D., *Professor of Clinical Surgery.* 687 Congress Street, Portland.

GUSTAV ADOLF PUDOR, A.B., M.D., *Professor of Dermatology.* 134 Free Street, Portland.

WILLIAM HERBERT BRADFORD, A.M., M.D., *Professor of Clinical Surgery.* 208 State Street, Portland.

GEORGE TAYLOR FILES, PH.D., *Professor of Germanic Languages.* [On leave of absence, second semester.] 238 Maine Street.

EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor of Obstetrics.* 51 Deering Street, Portland.

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[CHARLES THEODORE BURNETT, PH.D., *Professor of Psychology.* On leave of absence.]

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AMBROSE HERBERT WEEKS, M.D., *Instructor in Gastro-Enterology.* 30 Deering Street, Portland.

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CHARLES MILTON LEIGHTON, A.B., M.D., *Instructor in Clinical Surgery.* 365 Congress Street, Portland.

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WILLIAM WHEELER BOLSTER, A.B., M.D., *Instructor in Physiology.* 149 College Street, Lewiston.

HENRY WILLIAM MILLER, M.D., *Lecturer on Mental Diseases.* Insane Hospital, Augusta.

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EDWARD HAMES WASS, *Instructor in Music and Organist.* 42 Pleasant Street.

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EDWIN WAGNER GEHRING, B.S., M.D., *Instructor in Medicine.* 156 Free Street, Portland.

HENRY DARENYDD EVANS, A.M., *Lecturer on Public Hygiene.* Augusta.

EDWIN MOTLEY FULLER, Jr., A.B., M.D., *Instructor in Pathology and Bacteriology.* 918 Washington Street, Bath.

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PHILIP PICKERING THOMPSON, A.B., M.D., *Instructor in Diseases of Women.* 704 Congress Street, Portland.

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JOSEPH BLAKE DRUMMOND, A.B., M.D., *Instructor in Anatomy.* 610 Congress Street, Portland.

ERASTUS EUGENE HOLT, Jr., A.B., M.D., *Instructor in Anatomy.* 723 Congress Street, Portland.

JOSEPH STANCLIFFE DAVIS, A.B., *Instructor in Economics and Sociology.* 47 Harpswell Street.

ALFRED OTTO GROSS, Ph.D., *Instructor in Biology, Embryology and Histology.* 17 McKeen Street.

CARL HERVEY STEVENS, M.D., *Instructor in Physiology.* 28 School Street.

ALBION HENRY LITTLE, M.D., *Clinical Assistant in Diseases of the Eye and Ear.* 763 Congress Street, Portland.

FRANCIS WILSON LAMB, M.D., *Clinical Assistant in Orthopedics.* 156 Free Street, Portland.

ALFRED WILLIAM HASKELL, M.D., *Clinical Assistant in Surgery.* 660 Congress Street, Portland.

WILLIAM MORAN, M.D., *Clinical Assistant in Diseases of the Eye.* Y. M. C. A. Building, Portland.

HAROLD ASHTON PINGREE, M.D., *Clinical Assistant in Orthopedics.* 156 Free Street, Portland.

ERNEST WOODBURY FILES, A.B., M.D., *Clinical Assistant in Surgery.* 522 Deering Avenue, Portland.

ERNEST BERTRAND FOLSOM, A.B., M.D., *Clinical Assistant in Medicine.* 77 Granite Street, Portland.

ORAMEL ELISHA HANEY, M.D., *Clinical Assistant in Surgery.* 528 Deering Avenue, Portland.

FRANCIS JOSEPH WELCH, A.B., M.D., *Clinical Assistant in Medicine.* 698 Congress Street, Portland.

HAROLD JOSSELYN EVERETT, A.B., M.D., *Clinical Assistant in Obstetrics.* 727 Congress Street, Portland.

LUCINDA BLAKE HATCH, M.D., *Clinical Assistant in Obstetrics.* 85 Emery Street, Portland.

STANWOOD ELMAR FISHER, M.D., *Clinical Assistant in Diseases of the Nose and Throat.* 190 State Street, Portland.

ROLAND BANKS MOORE, M.D., *Clinical Assistant in Obstetrics.* 768 Congress Street, Portland.

BERTON CHARLES MORRILL, *Assistant in Hygiene and Physical Training.* 17 Cleaveland Street.

Other Officers

IRA PEIRCE BOOKER, A.M., *Treasurer.* 23 School Street.

SAMUEL BENSON FURBISH, B.S., *Assistant to Treasurer.* 28 School Street.

HUGH McLELLAN LEWIS, B.C.E., *Assistant in the Library.* 11 Cleaveland Street.

EDITH JENNEY BOARDMAN, *Cataloguer.* 2 High Street.

ALICE CURTIS LITTLE, *Secretary.* 15 Potter Street.

CAROLINE TILLSON ROBINSON, *Assistant Curator of the Art Collections.* 256 Maine Street.

College Preachers

Rev. SAMUEL ATKINS ELIOT, D.D., *Boston, Mass.*
Rev. GEORGE HODGES, D.D., LL.D., D.C.L., *Cambridge, Mass.*
Rev. HENRY van DYKE, D.D., LL.D., *Princeton, N. J.*
Rev. ROBERT ELLIOTT SPEER, D.D., *New York, N. Y.*
Rev. WILLIS HOWARD BUTLER, *Boston, Mass.*
Rev. CHARLES REYNOLDS BROWN, A.M., *New Haven, Conn.*

Lecturers

Prof. FREDERIC HENRY GERRISH, M.D., LL.D., *Benjamin Apthorp Gould Fuller Lecturer.*
Prof. GEORGE EDWARD WOODBERRY, Litt.D., LL.D., *Annie Talbot Cole Lecturer.*

STUDENTS

Undergraduates

ABBREVIATIONS:

A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall.

All members of the Senior and Junior Classes are candidates for the degree of A.B. In the lower classes candidates for the degree of A.B. have a small A after their names, candidates for the degree of B.S., have a small S, and students enrolled in the Medical Preparatory Course have a small M.

SENIORS—Class of 1913

Name	Residence	Room
Abbott, Howard Clement	*Derry, N. H.,*	252 Maine St.
Baker, Edward Oliver	*North Adams, Mass.,*	10 M. H.
Belknap, Robert Willis	*Damariscotta,*	13 A. H.
Brown, Josiah Steele	*Whitinsville, Mass.,*	K. Σ. House.
Bull, Charles Roy	*Monticello,*	A. Δ. Φ. House.
Burleigh, Edwin Clarence	*Augusta,*	Δ. K. E. House.
Busfield, Manning Hapgood	*North Adams, Mass.,*	10 M. H.
Carr, John Coleman	*Frankfort,*	252 Maine St.
Colby, Rensel Harold	*Wellesley, Mass.,*	264 Maine St.
Comery, Sanford Burton	*Thomaston,*	7 McKeen St.
Conant, Reginald Odell	*Portland,*	Δ. K. E. House.
Cowan, Frank Irving	*Pittsfield,*	7 W. H.
Craig, Vurnyer Adrian	*Brookton,*	8 Potter St.
Crosby, Laurence Alden	*Bangor,*	7 A. H.
Crowell, Cedric Russell	*Richmond Hill, N. Y.,*	23 M. H.
Cummings, George Otis	*Portland,*	13 A. H.
Cushman, Albert Percival	*Bangor,*	Ψ. Υ. House.
Daniels, Theodore William	*Natick, Mass.,*	Δ. Υ. House.
Dodge, Leon	*Newcastle,*	Δ. K. E. House.
Dodge, Willis Elden	*Princeton,*	252 Maine St.
Dole, Stanley Fuller	*Portland,*	Θ. Δ. X. House.
Douglas, Paul Howard	*Newport,*	7 W. H.
Dunphy, John Edward	*Portland,*	Θ. Δ. X. House.

Students

Name	Residence	Room
Eberhardt, Walter Faber	*New York City*,	B. Θ. Π. House.
Emery, Paul Hamilton	*Kennebunk*,	17 Cleaveland St.
Emery, Theodore Evans	*Randolph*,	Ψ. Υ. House.
Fogg, Neil Augustus	*Freeport*,	Θ. Δ. X. House.
Gardner, Daniel Earl	*Calais*,	B. Θ. Π. House.
Gilbert, Harold Davis	*Farmington*,	Δ. Υ. House.
Greene, Winthrop Stephenson	*Worcester, Mass.*,	Θ. Δ. X. House.
Hagan, Mark Langdon	*Bath*,	29 M. H.
Hagar, Raymond Kingsley	*Island Falls*,	K. Σ. House.
Hall, Harry Howes	*Medfield, Mass.*,	Δ. K. E. House.
Hamilton, John Warren	*Brattleboro, Vt.*,	Δ. K. E. House.
Haskell, Charles Blanchard, Jr.	*Pittsfield*,	Δ. K. E. House.
Hinch, Stanley John	*Danforth*,	Δ. K. E. House.
Holt, Benjamin Dyer	*Portland*,	Δ. K. E. House.
Howes, Herbert Martin	*Brunswick*,	26 M. H.
Jones, Leon Everett	*Winthrop, Mass.*,	23 W. H.
Kennedy, Raymond Davenport	*Jefferson*,	Z. Ψ. House.
Leavitt, Verd Russell	*Wilton*,	A. Δ. Φ. House.
Lippincott, Wilmot Clyde	*Augusta*,	254 Maine St.
Lunt, Paul Cammett	*Portland*,	Z. Ψ. House.
McMahon, William Benedict	*Brunswick*,	60 Cumberland St.
McMurtrie, Douglas Howard	*Woodfords*,	B. Θ. Π. House.
McNeally, Eugene Wallace	*Portland*,	26 M. H.
Miller, Harold William	*Lynn, Mass.*,	Z. Ψ. House.
Morris, Robert	*Brunswick*,	12 Middle St.
Moulton, Bryant Edward	*Portland*,	15 M. H.
Nixon, William Joseph	*E. Rochester, N. H.*,	Θ. Δ. X. House.
Norton, James Augustus	*Phillips*,	7 M. H.
Page, Clifton Orville	*Bath*,	7 M. H.
Palmer, Ray Eaton	*Bath*,	Ψ. Υ. House.
Parkhurst, Albert Elisha	*Presque Isle*,	Θ. Δ. X. House.
Philoon, James Everett	*Auburn*,	A. Δ. Φ. House.
Pike, Sumner Tucker	*Lubec*,	Δ. Υ. House.
Pratt, Loring	*Elmira, N. Y.*,	Ψ. Υ. House.
Rowe, Henry	*Old Town*,	12 M. H.
Saunders, Daniel	*Lawrence, Mass.*,	Δ. K. E. House.
Savage, Paul Chapman	*Bangor*,	Δ. K. E. House.
Shackford, Lester Borden	*South Poland*,	Δ. Υ. House.
Skolfield, George Lincoln, Jr.	*Brunswick*,	153 Maine St.
Slocum, John Albert	*Albany, N. Y.*,	18 M. H.
Smith, Lawrence Willey	*Portland*,	A. Δ. Φ. House.
Sweet, Alfred Henry	*Portland*,	B. Θ. Π. House.
Tilton, Albert Dyer	*South Portland*,	K. Σ. House.

Bowdoin College

Name	Residence	Room
Tufts, Elmer Emmons, Jr.	*Kingfield*,	Δ. Υ. House.
Tuttle, Earl Blanchard	*Cumberland Mills*,	Θ. Δ. X. House.
Twombly, William Fletcher	*Reading, Mass.*,	Δ. K. E. House.
Walker, Harry Burton	*Biddeford*,	Δ. Υ. House.
Whittier, Luther Gordon	*Farmington*,	26 A. H.
Wiggin, Frederic Shaw	*Saco*,	Δ. Δ. Φ. House.
Wilson, George Frank	*Albion*,	4 M. H.
Wish, Fred Dixon, Jr.	*Portland*,	13 M. H.
Wood, Philip Shaw	*Bar Harbor*,	23 A. H.

JUNIORS—Class of 1914

Name	Residence	Room
Adams, Hebron Mayhew	*Westbrook*,	24 M. H.
Ashby, Herbert Wassall	*Salem, Mass.*,	8 A. H.
Badger, Omar Perlie	*Bingham*,	Z. Ψ. House.
Barton, Horace Allan	*Greenwich, Conn.*,	Θ. Δ. X. House.
Bickford, Charles Harold	*Portland*,	Z. Ψ. House.
Bodurtha, Robert Ellsworth	*Westfield, Mass.*,	Δ. Υ. House.
Brown, Clarence Arthur	*Portland*,	B. Θ. Π. House.
Brown, Lewis Turner	*Portland*,	B. Θ. Π. House.
Buell, Ralph Lewin	*Portland*,	10 Harpswell Pl.
Callahan, Francis Xavier	*Portland*,	B. Θ. Π. House.
Chase, Samuel Wood	*Lowell, Mass.*,	Δ. Υ. House.
Cole, Alan Ramsay	*Bath*,	Θ. Δ. X. House.
Dixon, Henry Campbell	*Moosup, Conn.*,	264 Maine St.
Donahue, Louis Augustin	*Portland*,	Θ. Δ. X. House.
Donahue, Paul Edwin	*Portland*,	Θ. Δ. X. House.
Eaton, George Franklin	*Bangor*,	13 W. H.
Eddy, Warren Day	*Portland*,	Δ. K. E. House.
Farrar, William Haskell	*Bath*,	Δ. Υ. House.
Fox, Philip Ramon	*Portland*,	K. Σ. House.
Fuller, Edwin Johnson (1913)	*Groveland, Mass.*,	1 M. H.
Gage, Elwyn Collins	*Augusta*,	Z. Ψ. House.
Garland, Francis Tibbetts	*Bangor*,	B. Θ. Π. House.
Gibson, Leonard Henry, Jr.	*Bath*,	Δ. Υ. House.
Gray, Alfred Everett	*Portsmouth, N. H.*,	Δ. K. E. House.
Hall, Henry Levenseller	*Camden*,	B. Θ. Π. House.
Hamblen, Maurice Wingate	*Bridgton*,	Θ. Δ. X. House.
Hatch, Charles Alfred	*Richmond*,	264 Maine St.
Hayes, Harold Merrill	*Foxcroft*,	Z. Ψ. House.
King, Harold Fremont	*So. Scituate, R. I.*,	4 Cleaveland St.

Students

Name	Residence	Room
LaCasce, Elroy Osborne	*Skowhegan*,	Z. Ψ. House.
Leigh, Robert Devore	*Seattle, Wash.*,	9 M. H.
Loeffler, Frank Robert	*Lisbon Falls*,	264 Maine St.
Marr, Vernon Waldo	*Farmington*,	Δ. Υ. House.
Merrill, Arthur Stowers	*Skowhegan*,	234 Maine St.
Mitchell, Percy Downing	*Biddeford*,	Δ. Υ. House.
Monroe, Reginald Allen	*Milo*,	Z. Ψ. House.
Mountfort, Sumner Leighton	*Portland*,	Θ. Δ. X. House.
Nason, Evan Albert	*No. Billerica, Mass.*,	B. Θ. Π. House.
Newcombe, Alfred Watts	*Thomaston*,	Z. Ψ. House.
Payson, Edgar Robinson, Jr.	*Portland*,	Ψ. Υ. House.
Peters, Almon Lauchlin	*Malden, Mass.*,	12 M. H.
Pope, Philip Huntley	*Manchester*,	B. Θ. Π. House.
Pratt, Arthur Llewellyn	*Bath*,	10 W. H.
Pratt, Leo Walter	*Wilton*,	K. Σ. House.
Robinson, Kenneth Allan	*Biddeford*,	Δ. Υ. House.
Russell, Clifford Little	*Portland*,	Θ. Δ. X. House.
Schwey, Joseph	*Portland*,	264 Maine St.
Shea, Herbert Meyer	*Hallowell*,	Δ. Υ. House.
Simpson, Richard Earl	*Portland*,	Z. Ψ. House.
Snow, Edward Holyoke	*Brunswick*,	11 Bank St.
Standish, Myles, Jr.	*Boston, Mass.*,	Δ. K. E. House.
Sylvester, Ermond	*Durham*,	K. Σ. House.
Tarbox, James Obadiah	*Topsham*,	13 M. H.
Thompson, Earle Spaulding	*Bath*,	13 W. H.
Tuttle, Curtis	*Colusa, Cal.*,	A. Δ. Φ. House.
Tuttle, Neal	*Cumberland Mills*,	29 A. H.
Verrill, Ray Marshall	*Farmington*,	102 Union St.
Weatherill, Robert Thomas	*Brunswick*,	34 School St.
White, Paul Lambert	*Indianapolis, Ind.*,	16 W. H.
Wing, Paul Llewellyn	*Bath*,	Ψ. Υ. House.
Wright, James Preble	*Wiscasset*,	1 M. H.

SOPHOMORES—Class of 1915

Name		Residence	Room
Adams, Brainerd Lucas	A	*Spruce Head*,	B. Θ. Π. House.
Allen, Charles Edward	A	*Freeport*,	27 W. H.
Allen, Harry Everett	A	*Brunswick*,	72 Pleasant St.
Austin, Elden Hiram	A	*Dexter*,	B. Θ. Π. House.
Bacon, George William	A	*Weston, Mass.*,	B. Θ. Π. House.
Card, Philip Livingstone	A	*Portland*,	11 W. H.

Bowdoin College

Name		Residence	Room
Coffin, Robert Peter	A	*Brunswick*,	28 College St.
Coombs, Warren Crosby (1914)	A	*Camden*,	264 Maine St.
Coxe, Fred Walter	A	*Woodfords*,	Δ. K. E. House.
Cross, Harry Gustave	A	*Red Wing, Minn.*,	3 A. H.
Cunliffe, William Henry, Jr. (1914)	A	*Fort Kent*,	Δ. K. E. House.
Demmons, Paul Douglas	A	*East Machias*,	Ψ. Υ. House.
Dow, Leon French	A	*Livermore Falls*,	8 W. H.
Dunton, Robert Manson	A	*Bath*,	A. Δ. Φ. House.
Eaton, Albion Keith	S	*Calais*,	Ψ. Υ. House.
Elwell, Edward Richardson	A	*Portland*,	Θ. Δ. X. House.
Evans, Robert Joseph	A	*Shirley, Mass.*,	B. Θ. Π. House.
Faulkner, Harry Peter	A	*Boston, Mass.*,	9 A. H.
Floyd, Gordon Pierce	S	*Woodfords*,	K. Σ. House.
Grierson, George Douglas	A	*South Portland*,	Δ. Υ. House.
Hall, George Albert, Jr.	A	*Houlton*,	Δ. K. E. House.
Hamel, John Ralph	A	*Portland*,	6 Cleaveland St.
Hastings, Maynard Albert	A	*Warren*,	264 Maine St.
Heywood, John (1914)	S	*Gardner, Mass.*,	3 A. H.
Hubbard, Roswell Earle (1914)	A	*Hatfield, Mass.*,	264 Maine St.
Hyler, Aaron Winchenbach	A	*Cushing*,	7 McKeen St.
Jones, Otto Rockefeller Folsom-	A	*Skowhegan*,	21 W. H.
Keegan, William Owen	A	*Lewiston*,	K. Σ. House.
Knowlton, Frank Earle	A	*Farmington*,	44 Pleasant St.
Koughan, Paul Joseph	A	*Bath*,	B. Θ. Π. House.
Kuhn, Maynard Henderson	A	*Waldoboro*,	Z. Ψ. House.
Lewis, Herbert Alton	S	*North Haven*,	B. Θ. Π. House.
Lewis, James Abram	S	*North Haven*,	10 Cleaveland St.
Livingston, William Towle	A	*Bridgton*,	Θ. Δ. X. House.
Loring Kimball Atherton	A	*Reading, Mass.*,	Θ. Δ. X. House.
McCargo, Francis Wood (1914)	A	*Augusta*,	Δ. K. E. House.
MacCormick, Austin Harbutt	A	*Boothbay Harbor*,	Δ. Υ. House.
MacDonald, Joseph Cony	A	*Bangor*,	Δ. K. E. House.
McKenney, Francis Paul	A	*Brunswick*,	56 Pleasant St.
McKinnon, Max Verne	A	*Calais*,	B. Θ. Π. House.
McWilliams, George Arthur	A	*Bangor*,	A. Δ. Φ. House.
Mannix, Daniel Maurice	A	*Portland*,	K. Σ. House.
Melcher, Stanwood Alexander	A	*Mt. Holly, N. J.*,	14 A. H.
Merrill, Ivan Colson	A	*Lawrence, Mass.*,	14 W. H.
Minott, Clarence Marshall	A	*South Portland*,	K. Σ. House.
Moulton, Manning Cole	A	*Portland*,	15 M. H.
Perkins, Clifford Thompson	A	*Ogunquit*,	Δ. Υ. House.
Pinkham, Harold Batchelder,	A	*Milton, N. H.*,	19 A. H.
Porritt, Philip Webb	A	*Hartford, Conn.*,	Δ. K. E. House.

Students

Name		Residence	Room
Prescott, Harold Milton	A	*Portland*,	Δ. Υ. House.
Ramsay, Kenneth Elmer	A	*Saco*,	A. Δ. Φ. House.
Ricker, George Worcester	S	*Portland*,	27 M. H.
Roberts, Frank Stanwood	A	*Brunswick*,	5 Jordan Ave.
Rodick, Daniel Wilson	A	*South Portland*,	17 Cleaveland St.
Rogers, Clarence Talbot	A	*North Anson*,	19 A. H.
Rollins, John Fox	A	*Bangor*,	Z. Ψ. House.
Smith, Philip Sidney	S	*Leicester, Mass.*,	A. Δ. Φ. House.
Somers, Harold McNeill	A	*Portland*,	K. Σ. House.
Stetson, Alvah Booker	A	*Brunswick*,	35 Cumberland St.
Stone, Ellsworth Allen	A	*Lynn, Mass.*,	Z. Ψ. House.
Talbot, George Henry	A	*South Portland*,	11 M. H.
Tapley, Clarence Hall	A	*Ellsworth*,	Ψ. Υ. House.
Thompson, George Cummings	A	*Augusta*,	9 A. H.
White, Charles Francis (1914)	A	*Methuen, Mass.*,	Ψ. Υ. House.
West, Samuel	A	*Boston, Mass.*,	10 W. H.
Wilson, Earl Farnsworth (1914)	A	*Thomaston*,	Ψ. Υ. House.
Woodbury, Vernon Pierce	A	*Leominster, Mass.*,	27 W. H.

FRESHMEN—Class of 1916

Name		Residence	Room
Abbott, Chester Granville (1913)	A	*Lynn, Mass.*,	1 W. H.
Anthony, Daniel Allen	S	*Greenwich, Conn.*,	30 A. H.
Bacon, Everett Warren	A	*Skowhegan*,	8 W. H.
Badger, Guy Wellman (1915)	A	*Skowhegan*,	4 M. H.
Bamford, Wellington Arthur	S	*Houlton*,	18 W. H.
Bancroft, Winthrop	A	*Brookline, Mass.*,	8 M. H.
Barry, James Edward	S	*Bangor*,	12 M. H.
Bartlett, Fred Oscar	A	*Rockland*,	17 Cleaveland St.
Baxter, John Lincoln	A	*Brunswick*,	5 A. H.
Beal, George Ernest	A	*Lisbon Falls*,	29 W. H.
Bird, Adriel Ulmer	A	*Rockland*,	27 W. H.
Blethen, John	M	*Frankfort*,	25 W. H.
Boardman, Elliot Sheffield	A	*Guilford*,	6 W. H.
Boutwell, Louis Evans	A	*Malden, Mass.*,	24 A. H.
Brackett, James Scott	A	*Phillips*,	12 A. H.
Brewster, James Hiram	A	*Lisbon Falls*,	29 W. H.
Bridge, Harry Pearlton (1915)	S	*Brunswick*,	46 Harpswell St.
Burnham, Vaughan Forrest	A	*Portland*,	14 M. H.
Burr, Kenneth Towle	S	*Dorchester, Mass.*,	20 A. H.
Canney, Aaron Wallace	A	*Kezar Falls*,	15 A. H.

Bowdoin College

Name		Residence	Room
Carter, Philip Linwood	A	*Portland,*	31 W. H.
Chase, Walter Emery, Jr.	A	*Bath,*	15 W. H.
Chatto, Harry Murray (1915)	A	*South Brooksville,*	14 A. H.
Church, Raymond Clark	S	*Hallowell,*	30 M. H.
Churchill, John Doane	A	*Minot,*	6 M. H.
Clark, Robert Coffyn	S	*Newton Highlands, Mass.,*	5 M. H.
Cronin, Eugene Joseph	A	*Lewiston,*	17 M. H.
Crossman, Alfred Hall	A	*Newton Center, Mass.,*	16 M. H.
Cruff, Frederick Ellery	S	*West Roxbury, Mass.,*	8 M. H.
Doten, Harold Linwood	A	*Lewiston,*	12 Page St.
Drapeau, Eudore Alphonse	A	*Brunswick,*	10 Mason St.
Drummond, Robert Rutherford	A	*Portland,*	5 A. H.
Dunn, James Alfred	A	*Malden, Mass.,*	5 W. H.
Dyar, Malcolm Henry	A	*Farmington,*	8 McKeen St.
Eastman, Roger Kimball	S	*Lowell, Mass.,*	7 A. H.
Edwards, Don Jerome	S	*Portland,*	31 M. H.
Elliott, Lowell Allison	S	*Haverhill, Mass.,*	25 A. H.
Evans, Ora Liston	A	*Dover,*	5 M. H.
Fessenden, Joseph Coombs (1915)	A	*Lisbon Falls,*	29 M. H.
Fitzgerald, John Cogan	M	*Bath,*	24 A. H.
Fortin, Charles Percival	S	*New Bedford, Mass.,*	2 M. H.
Foster, Herbert Henry	A	*Seattle, Wash.,*	9 M. H.
Fraser, Samuel	S	*Masardis,*	28 M. H.
Fuller, Richard Stearns	A	*Rockland,*	6 A. H.
Garland, Edward Philip	A	*Bangor,*	4 W. H.
George, Donald Payson	S	*Thomaston,*	10 A. H.
Ginty, Allan Joseph	A	*Boston, Mass.,*	25 A H.
Glidden, Ralph Raymond	A	*Gardiner,*	17 A. H.
Gormley, Henry Lincoln	M	*Roxbury, Mass.,*	5 W. H.
Greeley, George Everett	A	*Hudson, Mass.,*	24 M. H.
Hagerman, Coy Lawrence	A	*Houlton,*	18 W. H.
Haggett, Amos Bartlett, Jr.	A	*Bath,*	15 W. H.
Hale, Myron Eusebius	A	*Roxbury, Mass.,*	28 W. H.
Hall, Chauncey Alfred	S	*Augusta,*	25 M. H.
Hamlin, Raymond Charmbury	S	*Maynard, Mass.,*	3 M. H.
Hargraves, Frank Hobart Lord	M	*WestBuxton,*	22 W. H.
Hart, Lawrence Joseph	A	*Bath,*	31 A. H.
Haseltine, Walter Thomas	S	*Pittsfield,*	21 M. H.
Hawes, Edward Cary	A	*Bangor,*	22 M. H.
Hayward, Ralph Winson	M	*Salem, Mass.,*	8 A. H.
Head, Alden Fairfield	A	*Bangor,*	22 M. H.
Healey, Joseph Francis Xavier	A	*Portland,*	269 Maine St.
Hescock, Hugh Merrill	A	*Foxcroft,*	14 M. H.

Students

Name		Residence	Room
Hight, Donald Clarke	A	*Athens*,	30 M. H.
Hildreth, Arthur Griffin	S	*Westford, Mass.*,	25 W. H.
Hodgkins, Carroll William	A	*Portsmouth, N. H.*,	32 W. H.
Hone, Wendell Verne	A	*Presque Isle*,	17 M. H.
Ireland, William Dunning	S	*Stetson*,	27 A. H.
Irving, Lawrence	A	*West Roxbury, Mass.*,	28 W. H.
Kelley, David Francis	A	*Gardiner*,	17 A. H.
Knight, Harry Fletcher	M	*Townsend Harbor, Mass.*,	3 M. H.
Lane, Walter Huron	A	*South Portland*,	4 A. H.
Larrabee, Raymond Horace	A	*Bridgton*,	30 A. H.
Leadbetter, Guy Whitman	A	*South Lincoln*,	4 W. H.
Little, Edward Robert	A	*Brunswick*,	15 Potter St
Littlefield, Arthur Eldredge	S	*Dorchester, Mass.*,	20 A. H.
Lord, William Mason Bradley	A	*Portland*,	31 W. H.
Lull, Ernest Proctor	A	*Pawtucket, R. I.*,	31 M. H.
McElwee, Leland Stanford	A	*Houlton*,	17 W. H.
Marshall, Ernest Parsons	A	*South Portland*,	29 A. H.
Merrill, Urban Howe	A	*Lawrence, Mass.*,	14 W. H.
Miller, Howard, Jr.	A	*Brooklyn, N. Y.*,	21 M. H.
Morrill, Stewart Pingree	A	*South Portland*,	264 Maine St.
Morrison, Charles Carr, Jr. (1915)	A	*Bar Harbor*,	Z. Ψ. House.
Moulton, James Burleigh	S	*East Brownfield*,	27 A. H.
Nickerson, Norman Hunt	A	*Red Beach*,	6 W. H.
Niven, Paul Kendall	A	*Providence, R. I.*,	32 M. H.
Noble, Lew Maurice	A	*Phillips*,	21 A. H.
Olson, Gordon Wesley	A	*West Somerville, Mass.*,	28 A. H.
Olson, Wallace Bruce	A	*West Somerville, Mass.*,	28 A. H.
Parmenter, Ralph Colby	A	*Portland*,	30 W. H.
Parsons, Hayward Treat	A	*Pittsfield*,	6 A. H.
Parsons, James Franklin	A	*Barnston, Que.*,	17 Cleaveland St.
Pease, William Ray	S	*Portland*,	27 M. H.
Pettingill, Lee Duren	S	*Lewiston*,	6 M. H.
Poore, Emery Bruce	A	*Hudson, Mass.*,	32 W. H.
Powers, Frederick Webster	A	*Portland*,	32 M. H.
Proctor, Maurice Clifton,	A	*Portland*,	30 W. H.
Ramsdell, Leroy Addison	S	*Portland*,	2 A. H.
Rawson, Frederick Payne	S	*West Townsend, Mass.*,	2 A. H.
Richardson, Gordon Dana (1915)	A	*Reading, Mass.*,	32 A. H.
Richardson, Raymond Miller	A	*Lynn, Mass.*,	12 A. H.
Robie, John Waterman	A	*Gorham*,	9 W. H.
Robinson, Clarence Eugene (1915)	A	*Thomaston*,	17 Cleaveland St.
Sayward, Dwight Harold	A	*Portland*,	10 A. H.
Shepard, Eliot Blanchard	S	*Brookline, Mass.*,	24 W. H.

Bowdoin College

Name		Residence	Room
Shwartz, Abraham Seth	A	*Portland*,	28 M. H.
Soule, Reuel Blaine	A	*Augusta*,	21 W. H.
Stetson, Leslie Nathaniel (1915)	A	*Brunswick*,	12 Federal St.
Stowell, Elwood Harrison (1915)	A	*Freeport*,	11 M. H.
Stratton, Earle Revere	A	*Hudson, Mass.*,	11 A. H.
Stuart, George Richard	A	*Augusta*,	18 A. H.
Stuart, Richard Hills	A	*Newport*,	21 A. H.
Taber, Thomas Henry	A	*New Bedford, Mass.*,	2 M. H.
Thomas, Henry Sanborn	A	*Farmington Falls*,	15 A. H.
Trott, John Howe	A	*Yarmouth*,	264 Maine St.
Verrill, Harold Everett (1915)	A	*Portland*,	13 W. H.
Weatherill, Philip Francis	A	*Brunswick*,	34 School St.
Webber, Leigh	A	*Hallowell*,	25 M. H.
Weston, Timothy Herbert	A	*Broad Cove*,	4 A. H,
White, Donald Sherman	A	*Indianapolis, Ind.*,	16 W. H.
White, Langdon Robert	S	*Bath*,	31 A. H.
Willey, Walter Brown, Jr.	M	*Bangor*,	11 A. H.
Winter, John Glenwood	A	*Kingfield*,	16 M. H.
Wood, Henry Gerard	A	*Steuben*,	26 A. H.
Woodman, Willard Paine	A	*Peabody, Mass.*,	9 W. H.
Wyman, Charles Emerson, Jr.	M	*Roxbury, Mass.*,	24 W. H.
Yenetchi, Ivan Hyde	A	*Scituate, Mass.*,	32 A. H.

SPECIAL STUDENTS

Name	Residence	Room
Koibuchi, Mankichi	*Ibaraki Prefecture, Japan*,	256 Maine St.
Trottier, Edward Alfred	*Newmarket, N. H.*,	Δ. Υ. House.

Medical Students

FOURTH YEAR—Class of 1913

Name	Residence	Room*
Arey, Harold Carleton, A.B.	*Camden*,	87 Pine St.
Coombs, Wyvern Almon	*Vinalhaven*,	1 Monroe Pl.
Gould, Carlisle Royal	*Biddeford*,	20 Whitney St.
Hanscom, Ridgeley Fernald	*New London, Conn.*,	358 Danforth St.
King, Elmer Henry, A.B.	*Syracuse, N. Y.*,	Me. Eye and Ear Infirmary.

*The rooms of Fourth and Third year students are in Portland.

Students

Name	Residence	Room
Lippincott, Leon Stanley, A.B.	*Augusta*,	92A Gilman St.
McNeil, Harry Daniel	*Bangor*,	11 Wescott St.
Moulton, Albert Willis, A.B.	*Portland*,	180 State St.
Roberts, Edward Russell	*Portland*,	35 Howard St.
Ross, Harold Danforth	*Phillips*,	1 Monroe Pl.
Sullivan, Philip Sheridan	*Biddeford*,	11 Wescott St.
Trickey, Winfield Benjamin	*East Corinth*,	87 Pine St.
Walker, Francis David	*Waterville*,	790 Congress St.

THIRD YEAR—Class of 1914

Name	Residence	Room
Bickmore, Harold Vincent, A.B.	*Augusta*,	11 Wescott St.
Buck, William Edgar	*Portland*,	87 Pine St.
Cartland, John Everett, A.B.	*Lisbon Falls*,	11 Wescott St.
Echols, Francis Sherman	*Hartford, Conn.*,	20 Whitney St.
Faulkingham, Ralph James	*Waterville*,	102 Emery St.
Fogg, Charles Eugene	*Portland*,	129 Williams St.
Gordon, Isaac Lewis	*Lincoln*,	280 Brackett St.
Hanson, Millard Parker	*Bath*,	895 Congress St.
Johnson, George Harold	*Augusta*,	895 Congress St.
Mikelsky, Benjamin Myer	*Bath*,	280 Brackett St.
Miller, Hudson Russell	*Lewiston*,	11 Wescott St.
Moulton, John Henry, A.B.	*Limington*,	102 Emery St.
Perkins, Roy Stanley	*Madbury, N. H.*,	790 Congress St.
Peters, Clinton Noyes, A.B.	*Portland*,	43 Lincoln St.
Regan, Edward Francis	*Marlboro, Mass.*,	174 Neal St.
Robinson, Harrison Leonard, A.B.	*Bangor*,	14 Wescott St.
Scribner, Herbert Charles	*Bangor*,	11 Wescott St.
Skillin, Waldo Thompson, A.B.	*Hallowell*,	174 Neal St.
Sturtevant, James Melvin, A.B.	*Dixfield*,	Edward Mason Dispensary.
Weeks, DeForest, A.B.	*Cornish*,	174 Neal St.
Williams, James Albert, A.B.	*Topsham*,	Edward Mason Dispensary.

SECOND YEAR—Class of 1915

Name	Residence	Room
Anderson, William DeLue	*Portland*,	25 School St.
Barrett, Ralph Lester	*East Sumner*,	26 Cumberland St.
Blaisdell, Elton Randolph	*Brunswick*,	3 River St.
Collins, Frank LaForest	*Oakland*,	11 Cleaveland St.

Bowdoin College

Name	Residence	Room
Dalrymple, Sidney Cullingwood	*Medford, Mass.*,	6 Cleaveland St.
Dennett, Carl George	*Saco*,	254 Maine St.
Goddard, Claude Albert	*Bethel*,	74 Harpswell St.
Hale, Herbert Francis, A.B.	*New Sharon*,	36 Cumberland St.
Hamilton, Holland George	*Brunswick*,	74 Harpswell St.
Hutchins, Eugene Leslie	*No. New Portland*,	74 Harpswell St.
Johnson, Linwood Hill	*Portland*,	254 Maine St.
Kinghorn, Charles Wesley	*Yarmouthville*,	102 Union St.
Lombard, Herbert Luther, A.B.	*Bridgton*,	36 Cumberland St.
McFarland, Lawrence, A.B.	*Woodfords*,	36 Cumberland St.
Mansfield, Burleigh Burton	*South Hope*,	269 Maine St.
Morrill, Berton Charles	*Augusta*,	17 Cleaveland St.
Nutter, Ralph Willis	*Alfred*,	269 Maine St.
O'Connor, William John	*Augusta*,	25 School St.
Oram, Julius Calvin, A.B.	*Bristol*,	Z. Ψ. House.
Parcher, Arthur Hale, A.B.	*Ellsworth*,	12 Page St.
Pillsbury, Nahum Roy	*Biddeford*,	18 Bowker St.
Pletts, Robert Cole	*Brunswick*,	16 Lincoln St.
Smith, Frank Arthur, A.B.	*Calais*,	16 A. H.
Tibbetts, George Alton	*Brunswick*,	75 Pleasant St.
Woodcock, Allan, A.B.	*Bangor*,	16 A. H.

FIRST YEAR—Class of 1916

Name	Residence	Room
Belknap, Robert Willis	*Damariscotta*,	13 A. H.
Clark, Raymond Willis	*Franklin*,	18 Bowker St.
Cummings, George Otis	*Portland*,	13 A. H.
Ferris, Ferris William	*Portland*,	31 School St.
Grant, Alton Levicount, Jr., A.B.	*Lewiston*,	234 Maine St.
Hamilton, John Warren	*Brattleboro, Vt.*,	Δ. K. E. House.
Holmes, Percy Kendall	*East Stroudsbury, Penn.*,	11 McLellan St.
Kupelian, Nessib Simon	*Tarsus, Turkey*,	46 Union St.
MacIntire, Alfred Lucian	*Biddeford*,	262 Maine St.
Melaugh, William Birchman, A.B.	*Portland*,	102 Union St.
Moulton, Bryant Edward	*Portland*,	15 M. H.
Richardson, Clyde Earle, A.B.	*Brunswick*,	11 McLellan St.
Twaddle, Gard Wilson	*Bethel*,	234 Maine St.

Summary of Instructors and Students

INSTRUCTORS

Academical Faculty	28
Medical Faculty	61
Total	89
Names Counted Twice	7
Corrected Total	82

STUDENTS

Academical Department

Seniors	75
Juniors	61
Sophomores	67
Freshmen; First Year	117
Freshmen; Second and Fourth Year	11
Special Students	2
Total	333

Medical School

Fourth Year	13
Third Year	21
Second Year	25
First Year	13
Total	72
Total in the Institution	405
Names Counted Twice	4
Corrected Total	401

Appointments and Awards

HONORARY COMMENCEMENT APPOINTMENTS

Class of 1912

Summa Cum Laude

Ellison Smullen Purington

Magna Cum Laude

Harold Perry Vannah

Cum Laude

James Bailey Allen
Harold Augustus Andrews
Meredith Bodine Auten
Eugene Francis Bradford
Lester Lodge Bragdon
Robert Danforth Cole
Seward Joseph Marsh
John Arnett Mitchell
Edward Longworth Morss
Carl Billings Timberlake
Edward Wadsworth Torrey
Carle Orestes Warren
*Richard Frazar White

PHI BETA KAPPA APPOINTMENTS

Class of 1912

Eugene Francis Bradford
Lester Lodge Bragdon
Robert Danforth Cole
Seward Joseph Marsh
John Arnett Mitchell
Ellison Smullen Purington
Edward Wadsworth Torrey
Harold Perry Vannah
Carle Orestes Warren
*Richard Frazar White

*Died April 15, 1912.

Appointments and Awards

Class of 1913

Laurence Alden Crosby
Willis Elden Dodge
Douglas Howard McMurtrie
Sumner Tucker Pike
Earl Blanchard Tuttle

CLASS OF 1868 PRIZE SPEAKING

Charles Francis Adams
Eugene Francis Bradford
John Lawrence Hurley
Earle Francis Maloney
Burleigh Cushing Rodick
Arthur Deehan Welch

BRADBURY PRIZE DEBATES

Affirmative	*Negative*
Herbert Edson Locke, 1912	Earle Francis Maloney, 1912
Paul Howard Douglas, 1913	Paul Hamilton Emery, 1913
Fred Dixon Wish, Jr., 1913	James Augustus Norton, 1913
Merton William Greene, 1912	Walter Faber Eberhardt, 1913
Burleigh Cushing Rodick, 1912	William Riley Spinney, 1913
Richard Earl Simpson, 1914	Elwyn Collins Gage, 1914

ALEXANDER PRIZE SPEAKING

Paul Howard Douglas, 1913
John Edward Dunphy, 1913
William Fletcher Twombly, 1913
Robert Devore Leigh, 1914
George William Bacon, 1915
George Albert Hall, Jr., 1915
George Arthur McWilliams, 1915
Kenneth Elmer Ramsay, 1915
Jacob Frederick Weintz, 1915

HONOR MEN

Class of 1910

Robert Hale, *Rhodes Scholar.*

Class of 1911

Edward Eugene Kern, *Rhodes Scholar.*

Bowdoin College

Class of 1912

Eugene Francis Bradford,	*Henry W. Longfellow Scholar.*
	Goodwin Commencement Prize.
Robert Danforth Cole,	*Brown Memorial Scholar.*
Merton William Greene,	*Bradbury Debating Prize, 1st.*
	Intercollegiate Debating Medal.
Herbert Edson Locke,	*Bradbury Debating Prize, 2d.*
Wm. Alexander MacCormick,	*Brown Composition Prize, 2d.*
Earle Francis Maloney,	*Intercollegiate Debating Medal.*
Ellison Smullen Purington,	*Charles Carroll Everett Scholar.*
	Smyth Mathematical Prize.
Burleigh Cushing Rodick,	*Philo Sherman Bennett Prize.*
	Bradbury Debating Prize, 1st.
	Intercollegiate Debating Medal.
	Hiland Lockwood Fairbanks Prize.
	Pray English Prize.
Earle Leander Russell,	*Hiland Lockwood Fairbanks Prize.*
Arthur Deehan Welch,	*Brown Composition Prize, 1st.*
	Class of 1868 Prize.
	New England Intercollegiate Oratorical League Gold Medal.

Class of 1913

Laurence Alden Crosby,	*Almon Goodwin Prize.*
Paul Howard Douglas,	*Alexander Speaking Prize, 2d.*
	Bradbury Debating Prize, 2d.
	Intercollegiate Debating Medal.
John Edward Dunphy,	*Alexander Speaking Prize, 1st.*
Leon Everett Jones,	*Brown Memorial Scholar.*
	Class of 1875 Prize in American History.
Douglas Howard McMurtrie,	*Smyth Mathematical Prize.*
James Augustus Norton,	*Intercollegiate Debating Medal.*
Sumner Tucker Pike,	*Noyes Political Economy Prize.*

Degrees Conferred in 1912

William Riley Spinney,	*Intercollegiate Debating Medal.*
Fred Dixon Wish, Jr.,	*Bradbury Debating Prize, 2d.*
	Intercollegiate Debating Medal.

Class of 1914

Elwyn Collins Gage,	*Intercollegiate Debating Medal.*
Philip Huntley Pope,	*Sewall Greek Prize.*
Kenneth Allan Robinson,	*Hawthorne Prize.*
Joseph Schwey,	*Smyth Mathematical Prize.*
Richard Earl Simpson,	*Bradbury Debating Prize, 1st.*
	Brown Memorial Scholar.
Neal Tuttle,	*Sewall Latin Prize.*

Class of 1915

Robert Peter Coffin,	*David Sewall Premium.*
Harry Peter Faulkner,	*Hiland Lockwood Fairbanks Prize.*
Kenneth Elmer Ramsay,	*Hiland Lockwood Fairbanks Prize.*
	Goodwin French Prize.
George Worcester Ricker,	*Brown Memorial Scholar.*

Degrees Conferred in 1912

BACHELOR OF ARTS

Adams, Charles Francis
Allen, James Bailey
Andrews, Harold Augustus
Arenovsky, Harold Chadbourne
Ashey, Harold Charles Lewis
Auten, Meredith Bodine
Bailey, Charles Olin, Jr.
Barbour, Elden Greenwood
Bradford, Eugene Francis
Bragdon, Lester Lodge
Briggs, Henry Adie
Brooks, George Clark
Bryant, Herbert Lorenzo
Chapman, Clyde Raymond
Chapman, Harrison Carter
Churchill, Kenneth
Clarke, Chester Leonard
Cole, Philip Pearson
Cole, Robert Danforth
Cousins, Edgar Fuller

Cressey, George Fabyan
Foote, Lowell Sanborn
Foss, Reginald Edson
Grant, Alton Levicount, Jr.
Gray, Maurice Herbert
Greene, Merton William
Greenleaf, Walter James
Harrington, Francis Elias
Hart, Fred Willis
Hill, Maurice Pierce
Hoit, Ralph Henry
Holt, William
Houston, Robert Craig
Hughes, Stephen Winfield
Hurley, John Lawrence
Joy, John Henry
Kateon, Fred Lincoln
Keating, Harry McLain
Kent, Edward Weston
Kern, George Cragin
King, Robert Parsons
Knowles, Stanley Stone
Leigh, Edward Oliver
Lincoln, Lendall Durant
Locke, Herbert Edson
Lombard, Herbert Luther
MacCormick, Wm. Alexander
MacKay, Malcolm
McKenney, Jessie Hamilton
Makepeace, True Edgecomb
Maloney, Earle Francis
Marsh, Seward Joseph
Mathews, Percy Warren
Means, Leland Green
Mifflin, John Houston
Mitchell, John Arnett
Morss, Edward Longworth
Moseley, John Henry
Newell, Joseph Henry
Nichols, George Henry
O'Neil, Joseph Carter
Parcher, Arthur Hale
Pratt, Lyde Stuart
Purington, Ellison Smullen
Riggs, Benjamin Hinckley
Rodick, Burleigh Cushing
Rowell, Parker Whitmore
Simpson, Frederick Benjamin
Skillin, Carl Dana
Slocum, Frank Davis
Smith, Frank Arthur
Straw, Palmer (as of the Class of 1911)
Timberlake, Carl Billings
Torrey, Edward Wadsworth
Vannah, Harold Perry
Waitt, Roland Hiram
Walton, Everett Parker
Warren, Carle Orestes
Weatherill, Edward Hacker (as of the Class of 1911)
Weeks, Ernest Eugene
Welch, Arthur Deehan
Weston, Andrew Donald
White, Heman Ashmead
*White, Richard Frazar (as of February 10, 1912)
Wilson, Edmund
Woodcock, Allan
Woodman, George Edwin

*Died April 15, 1912

Degrees Conferred in 1912

MASTER OF ARTS

Robert Danforth Cole (1912)

DOCTOR OF MEDICINE

Bennett, Roland Joseph
Brown, Freeman Fletcher
Buck, George Henry, A.B.
Hammond, Walter Jean, A.B.
Lente, Harry Hallock,
Merrill, Clyde Harold
Pratt, Harold Sewall, A.B.
Rosen, William
Scamman, Clarence Linwood
Stanley, Oramel Henry, A.B.
Stanwood, Harold William

Honorary Degrees

MASTER OF ARTS

Hugh Joseph Chisholm
John Sedgwick Hyde

DOCTOR OF DIVINITY

Jesse Hill

DOCTOR OF LAWS

William Penn Whitehouse
Samuel Valentine Cole (1874)
John Adams Morrill (1876)
William Gerrish Beale (1877)

BOWDOIN COLLEGE

FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT *and Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., LL.D., *Professor of English Literature.*

HENRY JOHNSON, PH.D., *Professor of Modern Languages.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

GEORGE THOMAS LITTLE, LITT. D., *Librarian.*

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training.*

GEORGE TAYLOR FILES, PH.D., *Professor of Germanic Languages.* [On leave of absence, second semester.]

WILMOT BROOKINGS MITCHELL, A.M., *Professor of Rhetoric and Oratory.*

[CHARLES THEODORE BURNETT, PH.D., *Professor of Psychology.* On leave of absence.]

ROSCOE JAMES HAM, A.M., *Professor of German.*

FREDERIC WILLIS BROWN, PH.D., *Professor of Modern Languages.*

KENNETH CHARLES MORTON SILLS, A.M., DEAN *and Professor of Latin.* [On leave of absence, second semester.]

HERBERT CLIFFORD BELL, PH.D., *Professor of History and Political Science.*

WARREN BENJAMIN CATLIN, A.B., *Professor of Economics and Sociology.*

MANTON COPELAND, PH.D., *Professor of Biology.*

Bowdoin College

MARSHALL PERLEY CRAM, PH.D., *Professor of Chemistry and Mineralogy.*

PAUL NIXON, A.M., *Professor of Classics and History.*

WILLIAM HAWLEY DAVIS, A.M., *Professor of English and Public Speaking.*

ORREN CHALMER HORMELL, A.M., *Assistant Professor of History.*

GERALD GARDNER WILDER, A.B., CLERK *and Assistant Librarian.*

HENRY BISSELL ALVORD, B.S., *Assistant Professor of Surveying, Mechanical Drawing and Astronomy.*

NATHANIEL EDWARD LOOMIS, PH.D., *Assistant Professor of Chemistry.*

JAMES LUKENS McCONAUGHY, A.M., *Assistant Professor of Education and Secretary of the Christian Association. Acting Dean, second semester.*

EDWARD HAMES WASS, *Instructor in Music and Organist.*

WALTER THEODORE BROWN, PH.D., *Instructor in Psychology.*

JOSEPH STANCLIFFE DAVIS, A.B., *Instructor in Economics and Sociology.*

ALFRED OTTO GROSS, PH.D., *Instructor in Biology.*

Committees of the Faculty

ADMINISTRATIVE.—The President, *Chairman;* The Dean, Professors Mitchell, Whittier and Assistant Professor Hormell.

ATHLETICS.—Professor Whittier, *Chairman;* Professors Copeland and Hutchins.

CATALOGUE.—Mr. Wilder, *Chairman;* The Dean and Professor Ham.

CURRICULUM.—Professor Burnett, *Chairman;* Professors Brown and Copeland.

EXAMINING.—The Dean, *Chairman;* Professors Ham, Mitchell and Moody.

LIBRARY.—Dr. Little, *Chairman;* Professors Chapman, Johnson, Catlin and Bell.

MUSIC.—Mr. Wass, *Chairman;* Professors Burnett, Chapman and Woodruff.

PREPARATORY SCHOOLS.—Professor Mitchell, *Chairman;* Professor Ham and Assistant Professors Hormell and McConaughy.

PUBLIC EXERCISES.—Professor Johnson, *Chairman;* Professor Cram and Mr. Wilder.

RECORDING.—The Dean, *Chairman;* Professors Moody and Woodruff and Assistant Professor McConaughy.

STUDENT AID.—The President, *Chairman;* Professors Files, Nixon and Whittier.

ADMISSION TO THE COLLEGE

Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects:

CHEMISTRY

The ground covered should be that included in any good first year text-book, such as Remsen's, Newell's, Newth's or Brownlee's. Candidates for examination must present note-books, certified by their instructors, in which are the results of their experiments and full notes of processes. They will be expected to answer in clear English, questions upon the fundamental chemical laws, and the preparation, properties, and uses of common chemical substances, and to solve simple arithmetical examples based upon chemical reactions.

Bowdoin College

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles governing paragraphs and different kinds of whole compositions, including letter-writing.

To secure the second end, the candidate is required to read the works named below. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature.

Reading and Practice.—The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be required to present evidence of a general knowledge of their subject-matter, and to answer simple questions on the lives of their authors. To test the candidate's command of clear and accurate English, he will be required to write brief compositions upon one or more topics drawn from the assigned readings. The candidate will also be required to write upon one or more subjects of ordinary experience or knowledge, not taken from the prescribed books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

For classes entering in 1913, 1914 and 1915, the books provided for Reading and Practice are arranged in the following groups, from which ten units—each unit is set off by semicolons

—are to be selected, two from each group except that Group 1 may be wholly omitted.

Group 1. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

Group 2. Shakespeare's The Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar.

Group 3. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; either Dickens's David Copperfield, or Dickens's A Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island.

Group 4. Bunyan's The Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in the *Spectator;* Franklin's Autobiography (condensed); Irving's Sketch Book, Macaulay's Essays on Lord Clive and Warren Hastings, Thackeray's English Humorists; Selections from Lincoln, including at least the two Inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden, or Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's Inland Voyage and Travels with a Donkey.

Group 5. Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard

and Goldsmith's The Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's The Lady of the Lake; Byron's Childe Harold, Canto IV, and Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish, and Whittier's Snow Bound; Macaulay's Lays of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City.

Study and Practice.—The candidate should read the books prescribed below with the view of acquiring such knowledge of their contents as will enable him to answer specific questions with accuracy and some detail. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, unimportant allusions and technical details.

For 1913, 1914 and 1915.—Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus; either Burke's Speech on Conciliation with America, or both Washington's Farewell Address and Webster's First Bunker Hill Oration; either Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

The examination will be divided into two parts, one of which may be taken as a preliminary, the other as a final. The first part of the examination will be upon the books required for Reading and Practice and may include questions upon grammar and the simpler principles of rhetoric. The second part of the examination will test the candidate's knowledge of the books required for Study and Practice, also his ability to develop a theme through several paragraphs. Subjects will be drawn from books required for Study and Practice, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading.

Admission

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

I. Elementary French. The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes;* Bruno, *Le tour de la France;* Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat;* Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Rob-*

inson de Paris; Foncin, *Le pays de France;* Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon;* Legouvé and Labiche, *La cigale chez les fourmis;* Malot, *Sans famille;* Mairet, *La tâche du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcy, *Le siège de Paris;* Verne's stories.

II. Advanced French. This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La belle Nivernaise;* La Brète, *Mon oncle et mon curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La chute;* Labiche's plays; Loit, *Pêcheur d' Islande;* Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry, *Récits des temps mérovingiens;* Thiers, *L'expédition de Bonaparte en Egypte;* Vigny, *La canne de jonc;* Voltaire's historical writings.

Candidates offering either Elementary or Advanced French are expected to be familiar with the alphabet of the Association Phonétique Internationale.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

I. Elementary German. The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of

the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder;* Arnold, *Fritz auf Ferien;* Baumbach, *Die Nonna* and *Der Schwiegersohn;* Gerstäcker, *Germelshausen;* Heyse, *L'Arrabbiata, Das Mädchen von Treppi,* and *Anfang und Ende;* Hillern, *Höher als die Kirche;* Jensen, *die braune Erica;* Leander, *Träumereien* and *Kleine Geschichten;* Seidel, *Märchen;* Stökl, *Unter dem Christbaum;* Storm, *Immensee* and *Geschichten aus der Tonne;* Zschokke, *Der zerbrochene Krug.*

The best shorter plays available are: Benedix, *Der Prozess, Der Weiberfeind,* and *Günstige Vorzeichen;* Elz, *Er ist nicht eifersüchtig;* Wichert, *An der Majorsecke;* Wilhelmi, *Einer muss heiraten.* Only one of these plays need be read, and the narrative style should predominate. A good selection of read-

ing matter for the second year would be Andersen, *Märchen,* or *Bilderbuch,* or Leander, *Träumereien,* to the extent of about forty pages. Afterward, such a story as *Das kalte Herz,* or *Der zerbrochene Krug;* then *Höher als die Kirche,* or *Immensee;* next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess.*

II. Advanced German. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein;* Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit,* for example *Karl der Grosse, Aus den Kreuzzügen, Doktor Luther, Aus dem Staat Friedrichs des Grossen;* Fouqué, *Undine;* Gerstäcker, *Irrfahrten;* Goethe, *Hermann und Dorothea* and *Iphigenie;* Heine's poems and *Reisebilder;* Hoffman, *Historische Erzählungen;* Lessing, *Minna von Barnhelm;* Meyer, *Gustav Adolfs Page;* Moser, *Der Bibliothekar;* Riehl, *Novellen,* for example *Burg Neideck, Der Fluch der Schönheit, Der stumme Ratsherr, Das Spielmannskind;* Rosegger, *Waldheimat;* Schiller, *Der Neffe als Onkel, Der Geisterseher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke, Balladen;* Scheffel, *Der Trompeter von Säkkingen;* Uhland's poems; Wildenbruch, *Das edle Blut.* A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures;" (3) part of *Undine* or *Der Geisterseher;* (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

GREEK

The examinations, except as stated in I (2), will be directed to testing the candidate's knowledge of Greek and his ability to read and understand the language rather than his knowledge of special works which he has studied. It is believed that a course of three years with five exercises a week, covering four books of the Anabasis or their equivalent in Attic prose and 2000 verses of Homer, together with practice in prose composition and sight reading, will give the required proficiency.

I. Elementary Greek. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(1) The translation at sight of passages of simple Attic prose.

(2) A thorough examination on Xenophon's Anabasis, Book II, directed to testing the candidate's mastery of the ordinary forms, constructions and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions and idioms only as occur in the portion of Xenophon prescribed.

II. Advanced Greek. This examination, *which must be preceded by the examination in Elementary Greek,* will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(1) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions and idioms, and on prosody.

(2) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read

in preparation for college, and will be limited to the subject-matter of those works.

HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

The examinations in history will call for comparisons of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

I. Greek History. To the death of Alexander, with due reference to Greek life, literature, and art.

II. Roman History. To 800 A. D., with due reference to government and institutions.

III. English History. With special reference to social and political development.

IV. American History. With special attention to the development of institutions and principles of civil government.

LATIN

I. Amount and Range of the Reading Required

1. The Latin reading required of candidates, without regard to the prescription of particular authors and works, shall be not less *in amount* than Caesar, Gallic War, I-IV; Cicero, the speeches against Catiline, for the Manilian Law, and for Archias; and Virgil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (speeches, letters and De Senectute) and Sallust (Catiline and Jugurthine War); and Virgil (Bucolics, Georgics and Aeneid); and Ovid (Metamorphoses, Fasti and Tristia).

II. Subjects and Scope of the Examinations

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, Speeches for the Manilian Law and for Archias, and Virgil, Aeneid, I-II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight, and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

At Bowdoin College the grouping of subjects is as follows:

I. Elementary Latin. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. The reading shall be not less in amount than Caesar, Gallic War, I-IV; and Cicero, the speeches against Catiline, for the Manilian Law, and for Archias. With the exception of the last two speeches, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover Cicero's speeches for the Manilian Law and Archias, sight translation of prose, grammar, and the

translation into Latin prose of a passage, for which the words, construction, and range of ideas will be such as are common in the reading of the three years' course.

NOTE.—An examination on Grammar, Caesar, and the writing of simple Latin prose will be given to candidates for the degree of B.S. who offer two years of Latin.

II. ADVANCED LATIN. This examination, *which must be preceded by the examination in elementary Latin,* will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. The reading, in addition to that necessary for elementary Latin, shall be not less in amount than Virgil, Aeneid, I-VI. With the exception of the Aeneid, I-II, and either IV or VI, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover the Aeneid, I-II, and either IV or VI, and sight translation of both prose and poetry.

MATHEMATICS

The present definition of the requirements in Mathematics is in accordance with recommendations made in September, 1903, by a committee of the American Mathematical Society.

I. ELEMENTARY ALGEBRA. The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binominal theorem for positive integral exponents; the formulas

for the *n*th term and the sum of the terms of arithemetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

II. Advanced Algebra. Permutations and combinations, limited to simple cases; complex numbers with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

III. Plane Geometry. The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems, applications to the mensuration of lines and plane surfaces.

IV. Solid Geometry. The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurements of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

V. Plane Trigonometry. Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.;

the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

PHYSICS

Physics as represented by Gage's Elements of Physics, or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts one unit.

To enter free from conditions, a candidate for admission must offer subjects amounting in all to 14½ units, except as stated under Admission by Examination in Four Subjects on page 61.

I. For the Degree of A. B. The following subjects aggregating 10 units are required:

English	3
Latin, Elementary	3
Algebra	2
Plane Geometry	1
Roman History	½
Greek, English or American History	½
	10

Subjects amounting to 4½ units must be elected from the following list:

Latin, Advanced	1	Physics	1
Greek, Elementary	2	Algebra, Advanced	½
Greek, Advanced	1	Solid Geometry	½
French, Elementary	2	Trigonometry	½
French, Advanced	1	Greek History	½
German, Elementary	2	English History	½
German, Advanced	1	American History	½
Chemistry	1		

If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

Candidates are strongly recommended to present Advanced Latin for admission. If it is not presented, the student is required to take Latin A and B in college.

II. For the Degree of B.S. The following subjects aggregating 9 units are required:

English	3
Algebra	2
Plane Geometry	1
A Foreign Language	2
Two Histories	1
	9

Subjects amounting to 5½ units must be elected from the following list:

Latin (2 years)	2	Chemistry	1
Latin, Elementary	3	Physics	1
Latin, Advanced	1	Algebra, Advanced	½
Greek, Elementary	2	Solid Geometry	½
Greek, Advanced	1	Trigonometry	½
French, Elementary	2	Greek History	½
French, Advanced	1	Roman History	½
German, Elementary	2	English History	½
German, Advanced	1	American History	½

Bowdoin College

Methods of Admission

ADMISSION BY EXAMINATION

Examinations at the College. The regular examinations for admission to college will be held in Banister Hall, in Brunswick, on Thursday, Friday and Saturday, June 26, 27 and 28, 1913, and on Monday, Tuesday and Wednesday, September 22, 23 and 24, 1913, according to the schedule printed on page 59 The examinations are chiefly in writing.

Examinations at Preparatory Schools. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than four years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1. Chemistry; 2. English; 3. French; 4. German; 5. Greek; 6. History (Greek, Roman, English and American); 7. Latin; 8. Mathematics (Algebra and Plane Geometry); 9. Physics.

No papers will be sent in Advanced Mathematics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations in 1913 are June 5, 6 and 7. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Dean, must be received *not later than June 2,* and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examinations. On the completion of the examinations, the books are to be returned at once by express at the expense of the College.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the College.

For 1913 the schedule of examinations is as follows:

Thursday, June 5.	Friday, June 6.
Thursday, June 26.	Friday, June 27.
Monday, September 22.	Tuesday, September 23.
9–12 A. M., History.	9–12 A. M., English.
2–5 P. M., Latin.	2–5 P. M., French.
7–9 P. M., Chemistry.	7–9 P. M., Physics.

Saturday, June 7.
Saturday, June 28.
Wednesday, September 24.

9 A. M.–1 P. M., Mathematics.
2–5 P. M., German or Greek.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle; these schools having been made special fitting schools for the College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

College Entrance Examination Board. The certificates,

issued as the result of examinations which are held by the College Entrance Examination Board, will be accepted by the College in so far as they meet the requirements for admission. The examinations of the Board will be held June 16-21, 1913.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 2, 1913; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 26, 1913; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 12, 1913.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of $5.00 in addition to the usual fee.

The examination fee is $5.00 for all candidates examined at points in the United States and Canada and $15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June 1913, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

Admission

ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Boston University, Bowdoin, Brown, Dartmouth, Mount Holyoke, Smith, Tufts, the University of Vermont, Wellesley, Wesleyan University, and Williams. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring the certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I.

The College has established a list of schools outside New England to which it accords the certificate privilege. Admission to this list can be obtained on presentation of evidence of qualification.

Blank certificates for admission to Bowdoin College may be had by principals on application to the Dean.

ADMISSION BY EXAMINATION IN FOUR SUBJECTS

Under this plan of admission candidates will be required to present a record of their school work showing the subjects studied, the time devoted to them, and the quality of work done. Such a report, to be approved, must show that the work in secondary schools has covered four years, that it has been mainly devoted to languages, mathematics, science and history, and that two of the subjects offered have been pursued beyond their elements. This record must be sent to the Dean of the College, before June 1. If it is approved by the College, candidates will then be given, in each of four (4) subjects, an examination

adapted to show the range and quality of their attainment in the whole subject.

For the degree of A.B. the examinations shall be: English; Latin; and two of the following six: (except that Science may not be offered unless Mathematics is offered with it) French, German, Greek, History, Mathematics, Science (Physics and Chemistry).

For the degree of B.S. the examinations shall be: English; Mathematics; and two of the following six: French, German, Greek, History, Latin, Science (Physics and Chemistry).

Both the school records and the results of the examinations will determine the acceptance or rejection of the candidates. Those who are admitted will be received free from conditions, and those who are rejected will receive no credit for such examinations as they may have passed under this plan of admission.

ADVANCED STANDING

Candidates for admission to the Sophomore, Junior and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior class after the beginning of the second Semester. Applications for admission to advanced standing should be addressed to the Dean.

SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming candidates for a degree; but no student shall continue in such special standing for more than two years. Application for admission as special students should be addressed to the Dean.

TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before certificates of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the certificate of admission.

Required and Elective Studies

REQUIRED STUDIES

Freshman Year. The following courses are required of all students: English 1, 2; French 1, 2, (or German 1, 2); Hygiene, the first semester; and English 5, the second semester. In case a student offers both Elementary French and Elementary German for admission, an elective may be substituted in place of the required language.

Candidates for the degree of A.B. must elect Latin 1, 2, Greek 1, 2, or Mathematics 1, 2, except those entering without credit in Advanced Latin, who must elect Latin A, B; and who, if they do not elect Greek 1, 2 or Mathematics 1, 2 in the Freshman year, must elect Latin 1, 2 in the Sophomore year.

Candidates for the degree of B.S. must elect Mathematics 1, 2.

Sophomore Year. German is required of all students, ex-

cept those who offered either French or German, or both, for admission. Credits in both Elementary French and Elementary German, obtained either at entrance to college or in college, are required for a degree.

In addition to the foregoing required courses a course in Physical Training is required of all students from December first to April first in each of the four years.

ELECTIVE STUDIES

Thirty-four (34) courses are required for a degree, in addition to Hygiene, English 5 and four courses in Physical Training. These courses, except those mentioned above under Required Studies, which students must take at the times designated, are all elective, but subject to the following regulations:

1. Each student, whether Regular or Special, is required to take four (4) full courses each Semester in addition to the required work in Physical Training, Hygiene and English 5.

2. Each regular student is required to take a fifth (5) course during any two (2) Semesters after the Freshman year.

3. No student is allowed to elect more than one (1) extra course in any Semester without the consent of the Dean.

4. No student is allowed to elect courses involving a conflict of hours, except with the consent of the Faculty.

5. Each student is required to have completed before graduation either, (1) one major and two minor subjects, or (2) two major subjects.

DEFINITIONS. A Major is a subject pursued through six (6) courses. A Minor is a subject pursued through four (4) courses.

6. Each student who is a candidate for the degree of B.S., must have completed before graduation a major in either Biology, Chemistry or Physics.

7. Each student must see that the courses which he elects are open to his class and that he has fulfilled the prerequisites for them.

COURSES OF INSTRUCTION

ART

PROFESSOR JOHNSON

1. History of Art: Ancient and Mediaeval. First Semester: Monday, Wednesday, Friday, 9.30.

Elective for Juniors and Seniors.

2. Continuation of Course 1. Rennaisance and Modern Art. Second Semester: at the same hours.

General survey of the development of the Fine Arts and their place in ancient and modern life. Study of significant objects of the arts of architecture, sculpture and painting. Study of the original objects of art, from prehistoric to recent times, in the college collections, especially of the Greek and Roman antiquities, and of the original drawings by Old Masters. Principles of aesthetic criticism. Problems of the archaeologist. Present day art. Lectures and required readings. Text-books: Reinach's Apollo, Hamlin's History of Architecture, Marquand and Frothingham's History of Sculpture, Van Dyke's History of Painting.

Prerequisite, Course 1.

ASTRONOMY

ASSISTANT PROFESSOR ALVORD

[1. General Astronomy. Text-books, lectures and observatory work. First Semester: Tuesday, Thursday, Saturday, 10.30.]

Omitted in 1912-1913.

Elements of spherical trigonometry with applications to simple problems in navigation and surveying.

Prerequisites, Mathematics 1, 2.

Bowdoin College

BIOLOGY

Zoölogy

PROFESSOR COPELAND AND DOCTOR GROSS

1. General Introduction to Zoölogy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 1.30. Laboratory divisions on the same days at 2.30 and 3.30.

2. Continuation of Course 1. Second Semester: at the same hours. PROFESSOR COPELAND

The lectures in Courses 1, 2 are designed to give a general introduction to the subject of Zoölogy. The classification, distribution, morphology, physiology, ecology and evolution of animals are discussed. Representative types from the lower groups of animals to the vertebrates are studied in the laboratory. Some exercises in addition are based on animal cytology, histology, embryology and physiology. The exercises involve the use of the microscope, and in Course 2 the student is given practice in dissecting. These courses are intended for beginners, and for those wishing to gain a comprehensive view of the subject.

Elective for Sophomores, Juniors and Seniors, and required of Freshmen in the Medical Preparatory Course.

3. Comparative Anatomy of Vertebrates. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30–12.30.

4. Continuation of Course 3. Second Semester: at the same hours. DOCTOR GROSS

Courses 3, 4 deal with the morphology of vertebrates from a comparative standpoint, and illustrate the evolution of animals from the fishes to the mammals. The classification of the chordates, theories of vertebrate structure and the homologies of organs are discussed. A fish, amphibian, reptile, bird and mammal are dissected and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

[5. Microscopical Anatomy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30–12.30.]

This course treats of the technique involved in the preparation and study of animal cells and tissues. A series of preparations is made and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

[6. Vertebrate Embryology. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 10.30–12.30.]

Omitted in 1912–1913.

DOCTOR GROSS

A course on the earlier stages of development, treating of the reproductive cells, maturation, fertilization, cleavage, the formation of germ layers, the development of the primitive segments and the formation of fetal membranes. A series of preparations illustrating the early development of the chick is made and studied.

Prerequisite, Course 5.

Courses 3, 4 and 5, 6 are given in alternate years and are intended for those who desire to lay a broad foundation for the study of human morphology and physiology, and for those especially interested in or proposing to teach biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

7. Special Laboratory and Field Investigations. First Semester: six hours a week, at the convenience of instructor and students.

8. Continuation of Course 7. Second Semester: at the same hours.

PROFESSOR COPELAND AND DOCTOR GROSS

These courses offer to students having the requisite training the opportunity of pursuing original biological investigations under the direction of the instructor.

9. Organic Evolution. Lectures and readings. First Semester: Tuesday, Thursday, Saturday, 9.30.

PROFESSOR COPELAND

This course includes a discussion of the evidence support-

ing the doctrine of evolution, and an examination into the theories of species origin. The topics of variation, adaptation, heredity and other problems which arise in connection with evolutionary biology are discussed.

Elective for Juniors and Seniors.

Botany

PROFESSOR COPELAND

1. Botany. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 8.30–10.30.

The lectures are intended to give a general survey of botany and treat principally of the classification, morphology, physiology and ecology of plants. The laboratory work consists of the study of types of the vegetable kingdom from the lower groups to the flowering plants. The purpose of the course is to give a comprehensive view of the vegetable kingdom, and to present some of the facts and doctrines derived from the scientific study of plants. It is intended for beginners.

Elective for Sophomores, Juniors and Seniors.

CHEMISTRY

PROFESSOR CRAM AND ASSISTANT PROFESSOR LOOMIS

1. General Chemistry. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30. Laboratory divisions on the same days at 11.30, 1.30 and 2.30.

2. Continuation of Course 1. Second Semester: at the same hours. PROFESSOR CRAM

Elective for Sophomores, Juniors and Seniors, and required of Freshmen in the Medical Preparatory Course.

3. Qualitative Analysis. First Semester: Monday, Wednesday, Friday, 2.30. PROFESSOR CRAM

Prerequisites, Courses 1, 2.

4. Quantitative Analysis. General methods, gravimetric and

volumetric. Second Semester: Monday, Wednesday, Friday, 2.30. Assistant Professor Loomis

The course is conducted by means of conferences, each man working individually. Five hours a week laboratory work is required and one hour lecture on Physical Chemistry.

Prerequisite, Course 3.

5. Quantitative analysis, organic and inorganic preparations, water and food analysis, assaying, industrial chemistry. First Semester: five hours laboratory work, a conference period, and one hour lecture on Physical Chemistry, at hours convenient to the instructor and students.

Assistant Professor Loomis

Work may be chosen from the above list of topics according to individual preferences. It is impossible for one man to take up all the topics in the time available.

Men intending to elect this course are advised, though not required, to elect Physics 1, 2.

Prerequisite, Course 4.

6. Organic Chemistry. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 2.30.

Assistant Professor Loomis

Prerequisite, Course 3.

7. Continuation of Course 5. First Semester.

Assistant Professor Loomis

Elective for those who have passed Course 5 and for Seniors who are taking Course 5.

8. Continuation of Course 7. Second Semester.

Professor Cram and Assistant Professor Loomis

Elective for those who have passed Course 7 and who have taken or are taking Course 6. This course cannot be taken without Course 6.

Physical Chemistry. One lecture a week during the second semester as a part of Course 4. The chapters taken up are those on the general properties of matter in the gaseous, liquid,

and solid states, and solutions. Second Semester: Wednesday, 2.30. PROFESSOR CRAM

Physical Chemistry and Advanced Inorganic Chemistry. One lecture a week throughout the year as a part of Courses 5 and 8. The physical chemistry comprises the chapters on electrochemistry, thermochemistry, photochemistry, and chemical dynamics. This is followed by advanced inorganic chemistry. Both semesters: Thursday, 2.30.

ASSISTANT PROFESSOR LOOMIS

Physiological Chemistry. Both semesters: Thursday, 8.30–12.30. PROFESSOR CRAM

Permission will be given to a few seniors of good standing in the College to take the work in physiological chemistry in the Medical School with credit for a one semester course. All such men should take organic chemistry their Junior year. Permission to take this course will be granted only to men whose records in the department warrant it, and to only a limited number of such men.

Men who come to college with the intention of specializing in chemistry and who would like advice about the collateral subjects required for graduate work, are urged to consult Professor Cram at an early date.

ECONOMICS AND SOCIOLOGY

PROFESSOR CATLIN AND MR. J. S. DAVIS

1. Principles of Economics. Text-book, lectures and conferences. First Semester: Tuesday, Thursday, Saturday, 9.30. PROFESSOR CATLIN AND MR. J. S. DAVIS

This course is a study of the fundamental laws of the subject with some of their practical applications in business and politics.

Elective for Sophomores, Juniors and Seniors.

2. Business Corporations and Trusts. Lectures, readings and reports. Second Semester: Tuesday, Thursday, Saturday, 9.30. MR. J. S. DAVIS

This course comprises a study of present-day business organization in the large. The nature of the business corporation and its historical evolution will be briefly considered. Attention will be chiefly devoted to the course and causes of the recent development of large corporations and combinations; their methods of organization and financing; their policies with respect to prices and wages; the economic and social problems which they present; and the solutions of these problems, attempted and projected.

Prerequisite, Course 1.

3. Money and Banking. Readings, reports, discussions, and occasional lectures. First Semester: Tuesday, Thursday, Saturday, 11.30. MR. J. S. DAVIS

This course includes an examination of contemporary monetary and banking systems and a review of the principal features of their historical development. The role of money, credits, and prices in industrial and social life is considered. Emphasis is laid upon obtaining a thorough understanding of underlying principles, and an appreciation of past and present currency and banking problems.

Prerequisite, Course 1.

[4a. Public Finance. Lectures, readings and reports. Second Semester: Tuesday, Thursday, Saturday, 11.30.]

Omitted in 1912-1913; to be given in 1913–1914.

This course takes up the problems of local, state and national revenue and expenditure from a social as well as from a fiscal standpoint.

Elective for Juniors and Seniors who have passed Course 1.

4b. Commerce and Commercial Policy. Text-book, reports and lectures. Second Semester: Tuesday, Thursday, Saturday, 11.30.

Given in 1912–1913; to be omitted in 1913–1914.

PROFESSOR CATLIN

This course treats of both domestic and foreign trade, special emphasis being placed upon the marketing of goods and upon the relative merits of different commercial policies. The consular service, customs administration, and ocean transportation are also treated.

Elective for Juniors and Seniors who have passed Course 1. Courses 3 and 4a are recommended as an introduction to this course.

5a. Sociology. Lectures, reports and text-books. First Semester: Tuesday, Thursday, Saturday, 10.30.

Given in 1912–1913, to be omitted in 1913–1914.

PROFESSOR CATLIN

Beginning with the biological and psychological bases of human society, this course attempts to trace its evolution under the influence of various forces with a view to arriving at certain laws of social progress and applying them to present social problems.

Elective for Juniors and Seniors.

[5b. Conservation. Readings, reports and lectures. First Semester: Tuesday, Thursday, Saturday, 10.30.]

To be given in 1913–1914.

PROFESSOR CATLIN

This course deals with the problems of waste-prevention as they arise in connection with our natural resources and with the public health and safety. Special topics treated include those of fire-loss, garbage and sewage disposal in cities, vital statistics and eugenics.

Prerequisite, Course 1.

6. The Labor Problem. Lectures, readings and discussions. Second Semester: Tuesday, Thursday, Saturday, 10.30.

PROFESSOR CATLIN

This is a study of the rise of the factory system and modern capitalistic production with a critical analysis of the various solutions of the problem, attempted and proposed: trade unionism, socialism, profit-sharing, coöperation, industrial education, and labor legislation.

Elective for Juniors and Seniors.

8. Social Reform. Readings, reports, discussions, and occasional lectures. Second Semester: Tuesday, Thursday, Saturday, 10.30.

MR. J. S. DAVIS

This course will consist chiefly of a study of certain typical modern social problems, such as poverty, crime, defectives,

with special reference to reforms, projected or in practice. The effort will be made to trace the recognized evils to their fundamental sources. The appropriate spheres for the activity of individuals, voluntary associations, and the state will be investigated. Socialism and the Single Tax will receive special attention as typical comprehensive schemes of reform.

Prerequisite, Course 1. Course 5a is recommended as an introduction to this course.

EDUCATION

Assistant Professor McConaughy

1. History of Education. Lectures, text-book and readings. First Semester: Tuesday, Thursday, Saturday, 8.30

Given in 1912–1913; to be omitted in 1913–1914.

This course is a study of the aims, methods and leaders of the education of the past, presented as a basis for an understanding of modern educational problems. Intended for students planning to teach, and those interested in educational history.

Elective for Juniors and Seniors.

2. Secondary Education. Lectures, readings, investigations, reports and practice teaching. Second Semester: two hours a week, at the convenience of instructor and students.

This course aims to train men who expect to teach in secondary schools. It will include a survey of the history of the secondary school, its place in the modern educational system, the best methods of teaching in secondary schools, and kindred problems. Besides extensive readings, members of the class will visit and study nearby secondary institutions, and assist in the instruction.

Elective for Seniors who expect to teach.

Prerequisite after 1912–1913, Courses 1 or 3.

[3. Educational Psychology. Lectures, readings and experiments. First Semester: Tuesday, Thursday, Saturday, 8.30.]

To be given in 1913–1914.

A study of the psychology of mental development, including original nature, habit, interest, fatigue, memory, practice,

transfer, individual and sex differences, adolescence.

Elective for Juniors and Seniors.

A course in Psychology is recommended as an introduction to this course.

ENGLISH

PROFESSORS MITCHELL AND W. H. DAVIS, AND ASSISTANT PROFESSOR MCCONAUGHY

1. English Composition. First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30. Div. B, Tuesday, Friday, Saturday, 11.30; Thursday, 9.30.

Espenshade's Composition and Rhetoric. A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences, six long themes and occasional page themes; outside reading: The Jungle Book, Will o' the Mill, Virginibus Puerisque, Henry Esmond, The Golden Treasury, Henry IV, Schurz's Abraham Lincoln.

Required of Freshmen.

2. Continuation of Course 1. Second Semester: Div. A, Tuesday, Thursday, Saturday, 10.30. Div. B, Tuesday, Saturday, 11.30; Thursday, 9.30. PROFESSOR MITCHELL

Genung's Practical Rhetoric. A study of the theme as a whole, introductory to the more detailed study of exposition, description, narration and argumentation in Courses 3, 4 and 6. Recitations, lectures, readings; written work with conferences, five long themes and occasional page themes; outside reading: Twice Told Tales, David Copperfield, Othello, Adam Bede, Treasure Island.

Required of Freshmen.

3. English Composition. First Semester: Tuesday, Thursday, Saturday, 11.30.

Practice in writing, with emphasis upon Exposition and Argumentation; daily themes, long themes, brief and forensic. Frequent individual conferences.

Elective for Sophomores, Juniors and Seniors.

4. Nineteenth Century Essayists. Second Semester: Tuesday, Thursday, Saturday, 11.30. PROFESSOR W. H. DAVIS

Required reading from the works of Lamb, Hazlitt, De Quincey, Carlyle, Macaulay, Newman, Holmes, Emerson, Ruskin, Lowell, Arnold, Stevenson, etc. Frequent written reports; conferences.

Prerequisite, Course 3.

5. Public Speaking. Second Semester: Div. C, Friday, 8.30. Div. E, Friday, 9.30. Div. D, Friday, 10.30. Div. F, Friday, 11.30. PROFESSOR MITCHELL

Informal lectures; drill in articulation, intonation and gesture; short declamations with criticism by students and instructor; longer declamations, previously rehearsed to the instructor, spoken before the class.

Required of Freshmen.

6. Argumentation and Debating. First Semester: Tuesday evening, 7.00–9.30; Thursday, 2.30.

Further study of Argumentation, specially as applied to formal debating. Study of principles, analysis of notable examples, practice in speaking, participation in actual debates.

Prerequisites, Courses 1, 2, 3, 5.

7. Forms of Public Address. Second Semester: at the same hours as Course 6. PROFESSOR W. H. DAVIS

Study (including preparation and delivery of original compositions) of Argumentative Address, Eulogy, Commemorative Address, After-Dinner Speech; frequent exercises in extemporaneous speaking. Credit given for participation in intra-mural or intercollegiate debates and for service as coach in Bowdoin Debating League.

Prerequisite, Course 6.

9. Literary Composition. Study of leading forms of literature, with practice in construction: Translation, Professor Johnson; Essay, Professor Chapman; Oration, Professor Mitchell; Short Story, Professor W. H. Davis; Drama, Professor Files; Verse, Professor Sills. The final exercise of each subdivision

is a general meeting of the six instructors and the students for criticism and discussion of results. First Semester: three hours a week, at the convenience of instructors and students.

10. Continuation of Course 9. Second Semester: three hours a week, at the convenience of instructors and students.

Courses 9, 10 are open to six Juniors and Seniors selected by competition.

11. The Novel. Lectures and readings. First Semester: Tuesday, Thursday, Saturday, 10.30.

Given in 1912–1913; to be omitted in 1913–1914.

Assistant Professor McConaughy

A study of the development of English fiction, with the reading of representative novels, and a critical investigation of prose fiction as a form of English literature.

Elective for Juniors and Seniors.

[13. The Drama. Lectures and readings. First Semester: Tuesday, Thursday, 10.30.]

To be given in 1913–1914.

Assistant Professor McConaughy

A study of the development of the drama in England, with particular emphasis upon the Elizabethan Drama. Representative plays will be read and discussed.

Elective for Juniors and Seniors.

ENGLISH LITERATURE

Professor Chapman

1. English Literature of the Eighteenth Century: Augustan authors; The Romantic Movement. Text-book, lectures and readings. First Semester: Monday, Wednesday, Friday, 9.30.

2. English Poetry of the Nineteenth Century. Text-book, lectures and readings. Second Semester: Monday, Wednesday, Friday, 9.30.

Courses 1, 2 form a consecutive course throughout the year.

Elective for Juniors and Seniors.

3. Early English Literature. Lectures, with special study of Beowulf (in translation), the Vision of Piers Plowman and selections from the Canterbury Tales. First Semester: Tuesday, Thursday, Friday, 1.30.

4. Elizabethan Literature: Select plays of Shakespeare. Seventeenth Century authors. Lectures and readings. Second Semester: Tuesday, Thursday, Friday, 1.30.

Courses 3, 4 form a consecutive course, but either course may be taken without the other.
Elective for Seniors.

FRENCH

PROFESSORS JOHNSON AND F. W. BROWN

1. Grammar, composition and reading of simple texts. First Semester: Monday, Wednesday, Friday, 2.30.

2. Grammar, composition and reading of modern prose. Second Semester: Monday, Wednesday, Friday, 2.30.

PROFESSOR F. W. BROWN

Courses 1, 2 are required of all Freshmen and other first-year students who have not received credit in Elementary French for admission.

3. Reading and Composition. Oral practice. First Semester: Monday, Wednesday, Friday, 9.30.

4. Continuation of Course 3. Second Semester: at the same hours. PROFESSOR F. W. BROWN

Prerequisites, Courses 1, 2, or their equivalent.

5. Rapid reading of modern novels and plays. Composition. Oral Practice. First Semester: Monday, Wednesday, Friday, 11.30.

6. Continuation of Course 5. Second Semester: at the same hours. PROFESSOR F. W. BROWN

Courses 5, 6 are elective for those who have passed Courses 3, 4; or Courses 1, 2 with a grade of B; or who have received credit in Advanced French for admission.

7. History of French Literature, including Old Provençal. Lectures, interpretation of selected texts of the Ninth to the Sixteenth Centuries. First Semester: Monday, Wednesday, Friday, 11.30.

8. Continuation of Course 7. Seventeenth to the Nineteenth Centuries. Second Semester: at the same hours.

PROFESSOR JOHNSON

Elective for Juniors and Seniors.
Prerequisites, Courses 3, 4, or their equivalent.

GEOLOGY AND MINERALOGY

PROFESSOR CRAM AND ASSISTANT PROFESSOR LOOMIS

Geology

1. An elementary course in dynamical and historical geology. First Semester: Monday, Wednesday, Friday, 9.30.

ASSISTANT PROFESSOR LOOMIS

Elective for Sophomores, Juniors and Seniors.

Mineralogy

1. The identification, composition, properties, occurrence and uses of the common minerals and rocks. Lectures and laboratory work. Second Semester: Tuesday, Thursday, Saturday, 8.30.

PROFESSOR CRAM

Elective for Sophomores, Juniors and Seniors who have passed Chemistry 1.

The courses in geology and mineralogy together constitute a year's work in geology, and are intended to satisfy the requirements of graduate schools for that amount of work in the subject. Either course may be taken without the other.

GERMAN

PROFESSORS FILES AND HAM

1. Elementary German. First Semester: Div. A, Monday, Tuesday, Thursday, Friday, 1.30; Div. B, Monday, Tuesday, Thursday, Friday, 2.30.

2. Continuation of Course 1. Second Semester: at the same hours. PROFESSOR HAM

Required of Freshmen who offer French for admission, and of Sophomores who have not previously passed these courses or their equivalent.

3. Prose Composition and Reading. First Semester: Tuesday, Thursday, Saturday, 10.30.

4. Continuation of Course 3. Second Semester: at the same hours. PROFESSOR FILES

Advanced prose composition. Drama of the classical period: in 1912–1913, Schiller's *Wilhelm Tell* and *Die Jungfrau von Orleans*. The time devoted to class-room work is equally divided between reading and prose composition together with abundant practice in speaking German.

Elective for those who have passed Courses 1, 2, or their equivalent.

5. Prose and Poetry of the Nineteenth Century. A course in rapid reading. First Semester: Monday, Wednesday, Friday, 8.30.

6. Continuation of Course 5. Second Semester: at the same hours. PROFESSOR HAM

Courses 5, 6 aim to develop the power to read German at sight. To this end special attention is given to the acquirement of a working vocabulary and to steady practice in the fundamentals of grammar.

Elective for those who have passed Course 2, or who have received credit in German for admission.

7. History of German Literature to the Second Classical Period. Lectures and parallel reading from Thomas's Anthol-

ogy. First Semester: Tuesday, Thursday, Saturday, 11.30.

8. Continuation of Course 7. Second Semester: at the same hours. PROFESSOR FILES

Courses 7, 8 are elective for students who have taken Courses 1, 2 (or their equivalent) and 3, 4 or 5, 6. They are intended to give a careful survey of the history of German literature from the earliest times to 1750. The lectures are in German.

[9 and 10. Modern Germany. Both Semesters: Tuesday, Thursday, Saturday, 8.30.]

To be given in 1913–1914.

PROFESSOR HAM

A study of the development of Germany during the Eighteenth and Nineteenth Centuries. After a general outline of the evolution of modern Germany, the economic, social, institutional, scientific, literary and artistic manifestations will be taken up in such detail as the time allows. In addition to giving a clear picture of the development of modern German civilization the course aims to point out and describe in particular those achievements that are of prime importance for America of the present day. The course will be conducted by lectures in connection with the reading of a German text.

Prerequisite, Course 4 or 6.

11. Goethe. Reading of Selected Works, both Prose and Poetry. First Semester: Thursday, 2.30-4.30.

12. Continuation of Course 11. Second Semester: at the same hours. PROFESSOR FILES

Courses 11, 12 are elective for those students who have taken Courses 1, 2 (or their equivalent) and 3, 4 or 5, 6. The course combines with abundant practice in reading a careful study of the poet's life.

13. Drama of the Second Classical Period. First Semester: Tuesday, 2.30–4.30.

14. Continuation of Course 13. Second Semester: at the same hours. PROFESSOR FILES

Courses 13, 14 are limited to those students who have had three years of German in college or a complete equivalent. The course for 1912–1913 comprises a careful study of the drama in the second classical period of German literature with abundant illustrative material from the masterpieces of Lessing, Goethe and Schiller.

15. Gothic. Grammar and reading from the Gothic Bible. First Semester: two hours a week, at the convenience of instructor and students. PROFESSOR FILES

16. Gothic. Second Semester: three hours a week at the convenience of instructor and students. PROFESSOR HAM

Analysis of selected passages from the Gothic Bible. Introduction to Old High German,—development of sounds and inflections.

These courses are intended primarily to furnish an introduction to the study of Germanic philology, with a special view to the needs of students who intend to enter upon university work in Germanics.

Elective for those who have studied German at least three years.

GREEK

PROFESSOR WOODRUFF

A. Elementary Greek. Text-book, Benner and Smyth's Beginner's Greek Book. First Semester: Monday, Tuesday, Thursday, Friday, 2.30.

B. Continuation of Course A. Xenophon's Anabasis, with exercises in writing Greek. Second Semester: at the same hours.

The aim of these courses is to prepare the student, as well as the limit of time allows, for admission to Greek 1.

Elective for those who enter without Greek, but omitted whenever there are fewer than three applicants.

1. Plato and Homer. First Semester: Tuesday, Wednesday, Friday, Saturday, 8.30.

Until the holiday recess the work centers in the life, character, and influence of Socrates, and the reading includes

Plato's Apology and Crito, with selected passages from other dialogues, and also from the Memorabilia of Xenophon. The aim of the work in the Odyssey is to gain a clear conception of the poem as a whole, its contents, structure, and literary art, selected books being read in the original and the rest in translation.

2. Homer; and The New Testament. Second Semester: at the same hours.

The study of the Odyssey as outlined under Course 1 will continue until the spring recess, after which the Gospel of Mark will be read, with study of Palestine and its life and institutions in New Testament times to supply the historic background for the life of Jesus.

Courses 1, 2 are elective for Freshmen who have received credit in Greek for admission and for those who have completed Courses A, B.

3. Lyric Poetry. First Semester: Tuesday, Thursday, Saturday, 10.30.

The best Greek lyrics are read as a connecting link between the epic and the drama, with investigation of changing political, economic, and social conditions and of the relation of these changes to the new kinds of poetry.

Prerequisites, Courses 1, 2.

4. Dramatic Poetry. Second Semester: at the same hours.

While reading and translating selected plays of Euripides the student is helped to trace the development of tragedy from its origin in lyric poetry to its culmination under the Athenian democracy "as the final outcome of the Greek genius in poetry."

Prerequisites, Courses 1, 2, 3.

5. Dramatic Poetry continued; or Oratory. First Semester: three hours, at the convenience of instructor and students.

Selected plays of Sophocles and Aeschylus continue the work in tragedy; in alternation with Lysias and Demosthenes and the history of the development of Greek oratory.

6. Dramatic Poetry continued; or History. Second Semester: three hours, at the convenience of instructor and students.

It is the aim of this course to bring out the significance of the Old Comedy as a factor in Greek political and social life, as illustrated by selected plays of Aristophanes; in alternation with Thucydides 'and the study of the growth of Greek historical writing.

Courses 5, 6 may be elected for two successive years.

Prerequisites, Courses 3, 4.

7. Greek Literature in English Translation. Lectures and readings, group conferences for informal discussion, and assignment of selected works for special study and written tests. First Semester: Tuesday, Thursday, Saturday, 9.30.

After a general introduction which includes a rapid review of the epic and lyric periods, the main work will be in the development of tragedy from Aeschylus to Euripides.

8. Continuation of Course 7. Second Semester: at the same hours.

Selected plays of Aristophanes are read in connection with the works of Plato that deal with the person of Socrates, the Memorabilia and Symposium of Xenophon, and Thucydides' History of the Sicilian Expedition.

For Courses 7, 8 no knowledge of the Greek language is necessary.

Elective for Juniors and Seniors.

HISTORY AND POLITICAL SCIENCE

PROFESSORS BELL AND NIXON, AND ASSISTANT PROFESSOR HORMELL

History

1. History of Greek Civilization. First Semester: Monday, Wednesday, Friday, 1.30.

2. History of Roman Civilization. Second Semester: at the same hours. PROFESSOR NIXON

While these courses are introductory to Courses 3, 4, 5, 6, they are not prerequisites for them. Weekly lectures, written

recitations, and conferences with small groups of the class for the discussion of assigned topics.

Elective for Freshmen.

3. History of Europe to 1300. First Semester: Monday, Wednesday, Friday, 11.30.

4. History of Europe from 1300 to the Renaissance. Second Semester: at the same hours. PROFESSOR BELL

[5. History of England to 1547. First Semester: Monday, Wednesday, Friday, 11.30.]

[6. History of England since 1547. Second Semester: at the same hours.]

Omitted in 1912–1913.

PROFESSOR BELL

Courses 3, 4 form a consecutive course throughout the year, as do Courses 5, 6. They are given in alternate years. Lectures, text-book, collateral readings, conferences, and reports.

Elective for Sophomores, Juniors and Seniors.

7. History of the English Colonies in North America and of the United States to the end of the Eighteenth Century. First Semester: Monday, Wednesday, Friday, 10.30.

8. History of the United States in the Nineteenth Century. Second Semester: at the same hours.

ASSISTANT PROFESSOR HORMELL

Courses 7, 8 form a consecutive course throughout the year. Lectures will occupy two of the three hours allotted to these courses. Weekly conferences of an hour, for the discussion of assigned readings, with small groups of students will be substituted for the third lecture.

Elective for Juniors and Seniors.

[10. History of Europe since 1815. Second Semester: Monday, Wednesday, Friday, 10.30.]

Omitted in 1912–1913.

PROFESSOR BELL

A study of the political and economic developments which have produced existing conditions in Europe and the expansion of European influence into Asia and Africa. Lectures, text-book, collateral readings, and conferences.

Elective for Juniors and Seniors.

Political Science

1. European Governments and Parties, with special reference to the Government of England. First Semester: Monday, Wednesday, Friday, 9.30. Professor Bell

2. American Government and Politics. Second Semester: at the same hours. Assistant Professor Hormell

Courses 1, 2 form a consecutive course throughout the year. Lectures, assigned readings, reports, and conferences with small groups of students.

Elective for Juniors and Seniors.

[3. Municipal Government, with special reference to American municipal problems. First Semester: Monday, Wednesday, Friday, 11.30.]

To be given in 1913–1914.

Assistant Professor Hormell

Course 3 is elective for not over ten students, preference given to those who have taken or are taking Political Science 1, 2.

HYGIENE AND PHYSICAL TRAINING

Professor Whittier

Hygiene

Lectures on Human Anatomy, Physiology and Personal Hygiene. First Semester: Thursday, 8.30.

Each student receives a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

Required of Freshmen.

Physical Training

1. Class exercises: military drill, setting-up drill and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights and heavy gymnastics. December to April: Monday, Wednesday, Thursday, 11.30.

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. December to April: Monday, Wednesday, Thursday, 3.30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and broadswords. Squad exercises: indoor athletics. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Required of Juniors.

4. Class exercises: fencing with foils. Squad exercises: indoor athletics. December to April: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

ITALIAN

Professor F. W. Brown

[1. Elementary Course. Grammar, composition and reading. First Semester: Monday, Wednesday, Friday, 10.30.]

[2. Continuation of Course 1. Selections from the prose and poetry of the Eighteenth and Nineteenth Centuries. Second Semester, at the same hours.]

Omitted in 1912–1913, and 1913–1914.

3. Dante, Petrarch and Boccaccio. Selections from the

Divine Comedy, the Sonnets and the Decameron. First Semester: Monday, Wednesday, Friday, 10.30.

4. Continuation of Course 3. Second Semester: at the same hours.

LATIN

PROFESSORS SILLS AND NIXON

A. Selections from Curtius and from Ovid's Metamorphoses. First Semester: four hours a week.

B. Selections from Virgil's Aeneid. Second Semester: four hours a week. PROFESSOR NIXON

These courses are required of all candidates for the degree of A.B. who have not received credit in Advanced Latin for admission.

1. Introduction to Latin Prose Literature. Selections from Livy, Cicero and Pliny the Younger. First Semester: Div. A, Tuesday 11.30, Thursday 9.30, Friday 11.30, Saturday 9.30. Div. B, Tuesday, Thursday, Friday, Saturday 10.30.

2. Introduction to Latin Poetry and Drama. Horace, Selected Odes; Terence, one play; Plautus, one play. Second Semester: at the same hours.

PROFESSORS SILLS AND NIXON

Ordinarily Course 2 may not be taken by students who have not had Course 1. Elective for Freshmen, and required of all Freshmen who do not take Mathematics.

3. Plautus. Four or five of the comedies are read with special attention to idiomatic translation and construction. First Semester: Tuesday, Thursday, Saturday 8.30.

PROFESSOR NIXON

Prerequisites, Courses 1, 2.

[3a. General View of Latin Literature from the Origins to Ovid. First Semester: Tuesday, Thursday, Saturday 8.30.]

Omitted in 1912–1913; to be given in 1913–1914.

PROFESSOR SILLS

Prerequisites, Courses 1, 2.

4. Gellius, Selected Stories; Phaedrus, Fables; Sallust; Catiline; Horace, Selected Satires. Second Semester: Tuesday, Thursday 1.30. PROFESSOR NIXON

Prerequisites, Courses 1, 2, 3.

The Sewall Latin Prize is annually awarded to the Sophomore who passes the best examination in this course.

[4a. General View of Latin Literature from Seneca to Claudian. Second Semester: Tuesday, Thursday 1.30.]

Omitted in 1912–1913; to be given in 1913–1914.

PROFESSOR SILLS

Prerequisites, Courses 1, 2, 3.

5. Late Latin. The Vulgate; Latin hymns; selections from Dante, Petrarch, Erasmus and Politian. First Semester: Tuesday, Thursday 11.30. PROFESSOR SILLS

Prerequisites, Courses 1, 2, 3, 4.

[5a. Latin Prose of the Empire. First Semester: two hours a week.]

Omitted in 1912–1913; to be given in 1913–1914.

PROFESSOR NIXON

Selected readings from Petronius, Seneca, Apuleius, Quintilian. Discussions upon Roman social life, philosophy, education, literary criticism and origin of the novel.

Prerequisites, Courses 1, 2, 3, 4.

[6. Selections from Lucretius; and Virgil, the Georgics. Second Semester: two hours a week.]

Omitted in 1912–1913; to be given in 1913–1914.

PROFESSOR SILLS

Prerequisites, Courses 1, 2, 3, 4, 5.

7. Virgil. Lectures, reports and translations of assigned passages. First Semester: Monday, Wednesday, Friday, 11.30.

PROFESSOR SILLS

The Aeneid will be read entire, and the lectures will discuss

Virgil as an epic poet and Virgil's literary influence in modern literature.

Elective for Sophomores, Juniors and Seniors. No previous course in Latin is required.

[8. Latin influence in English Literature. Lectures, reports and outside readings in Latin and English. Second Semester: Monday, Wednesday, Friday, 11.30.]

Omitted in 1912–1913; to be given in 1913–1914.

PROFESSOR SILLS

This course studies the character and quality of English literature as affected by the influence of the classics, and the Latin heritage of the principal English poets.

Elective for Juniors and Seniors. No previous course in Latin is required.

MATHEMATICS

PROFESSOR MOODY AND ASSISTANT PROFESSOR ALVORD

1. Algebra and Solid Geometry. First Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30; Div. C, 8.30.

Graphic algebra, including a review of portions of the preparatory work; complex numbers; selected topics from series and limits, indeterminate equations, undetermined coefficients, binomial theorem, elements of the theory of logarithms, choice, determinants and higher equations. This portion of the work closes before the holiday vacation, and the remainder of the Semester is given to solid geometry with mensuration and original theorems.

2. Solid Geometry and Trigonometry. Second Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 8.30; Div. B, 9.30; Div. C, 8.30.

PROFESSOR MOODY AND ASSISTANT PROFESSOR ALVORD

Solid Geometry completed: trigonometry of the right triangle; practice with four-place tables in solving examples from algebra and geometry and simple problems of heights

and distances. Demonstration of fundamental formulas for all angles, and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles, with problems and applications.

Courses 1, 2 are required of candidates for the degree of B.S., for Freshmen who elect Physics 1, 2, and are elective for all other students,—except as provided under 1 a, 1 b, 2 b, 2 c.

1a. First term's work of Course 9.

1b. Conic Sections. Elementary geometric theorems and constructions. Three hours a week at the convenience of the instructor from January to the end of the First Semester.

2b. Conic Sections and Mensuration. Three hours a week at the convenience of the instructor during the first four weeks of the Second Semester.

The work of 1b continued and logarithmic computation for plane and solid figures.

2c. Algebra and Trigonometry. Three hours a week at the convenience of the instructor from April to the end of the Second Semester. PROFESSOR MOODY

Algebraic and trigonometric series. Theorems and exercises from Higher Plane Trigonometry.

These courses are provided for students taking first-year mathematics who have received credit in Advanced Algebra, Solid Geometry, or Trigonometry, for admission.

3. Analytic Geometry. Fine and Thompson's Coördinate Geometry. First Semester: Monday, Wednesday, Friday, 11.30.

4. Calculus. Second Semester: Monday, Wednesday, Friday, 11.30. PROFESSOR MOODY

Selected topics in differential calculus, with application to problems and curve tracing. Double and triple integration for surfaces and volumes.

Prerequisites, Courses 1, 2, or their equivalent.

[5 and 6. Integral Calculus and Elliptic Functions. Textbook, with lectures and collateral reading. Both Semesters:

three hours a week, at the convenience of instructor and students.]

Omitted in 1912–1913.

7 and 8. Modern Methods in Pure and Analytic Geometry. Both Semesters: three hours a week, at the convenience of instructor and students. PROFESSOR MOODY

Courses 5, 6 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8.

Elective for those who have taken Courses 1, 2, 3, 4, or their equivalent.

9 and 10. Advanced Algebra. Determinants, theory of equations continued from Course 1, and selected topics. Both Semesters: three hours a week, at the convenience of instructor and students. PROFESSOR MOODY

Intended for students who wish a further knowledge of algebra, but do not intend to take the more advanced courses in Mathematics.

Elective for those who have taken Courses 1, 2.

MUSIC

MR. WASS

1. Music as an Art. First Semester: Tuesday, Thursday, Saturday, 8.30.

A general study of the development of the Art of Music, preparing one to understand and appreciate musical performances. Sound, musical sound, notation, rhythm, melody, harmony—their evolution and application to modern music. History of music, study of the great composers, their lives, works and influence upon the development of modern music. Frequent tests by written papers on assigned topics. No technical preparation requisite for this course.

Elective for Sophomores, Juniors and Seniors.

2. Continuation of Course 1. Second Semester: at the same hours.

Musical appreciation and history (advanced). Elements

of Theory. Study of musical forms from listener's standpoint. Assigned readings, oral tests and written reports.
Prerequisite, Course 1.

3. Harmony, Elementary. First Semester: Tuesday, Thursday, Saturday, 9.30.

Systematic study of intervals and chords, and their correct and effective use in four part harmony. Harmonization of melodies. Daily written exercises. Knowledge of notation necessary.
Elective for Sophomores, Juniors and Seniors.

4. Harmony, Advanced; Counterpoint, Elementary. Second Semester: at the same hours.

Lectures and practical work. Collateral reading on history and biography. Study of musical forms with analyses. Study of evolution of music from the primitive folk-song to the symphony of Beethoven. Study of the clefs. Orchestral instruments. Ability to play four part harmony (like hymn tune) necessary.
Prerequisite, Course 3.

5. Chorus Singing. Both Semesters; one hour and a half weekly.

Sight reading in song, practical work in intervals, scales, relationship of keys. Modes, rhythm, accentuation explained. Study of expression marks, musical terms, etc. No technical preparation necessary. One-half of period devoted to blackboard instruction and singing tests, half to four part chorus singing.
Elective for all students. This course does not count toward a degree.

PHILOSOPHY AND PSYCHOLOGY

Philosophy

PRESIDENT HYDE AND DOCTOR W. T. BROWN

1. Introduction to Philosophy. First Semester: Monday, Wednesday, Friday, 8.30.

The problems of Philosophy will be taken up as they have been presented in the statements of modern philosophers from Descartes to Hegel.

2. Ethics. Second Semester: Monday, Wednesday, Friday, 8.30. PRESIDENT HYDE

Readings from Plato's Republic, Aristotle's Ethics, Mill's Utilitarianism, Perry's Moral Economy and Dewey and Tuft's Ethics.

Courses 1, 2 are elective for Juniors and Seniors.

3. Philosophy of Idealism. Text-book, lectures and quizzes. First Semester: Tuesday, Thursday, Saturday, 11.30.

4. Continuation of Course 3. Second Semester: at the same hours.

Given in 1912–1913; to be omitted in 1913–1914.

DOCTOR W. T. BROWN

These courses aim at the intensive study of a particular philosophical system and the application of its methods in the attempted solution of the problems arising in a philosophical survey of the universe. The work of some important idealistic philosopher is used as a text and discussed in detail.

Prerequisites, Courses 1, 2, or their equivalent.

Psychology

DOCTOR W. T. BROWN

1. General Psychology. Text-book, lectures, quizzes and supplementary reading. First Semester: Tuesday, Thusday, Saturday, 8.30.

2. Continuation of Course 1. Second Semester: at the same hours.

The aim of these courses is to acquaint the student with the facts and the laws of the mind. Emphasis is laid upon those topics which are most intimately connected with the practical life, and a knowledge of which is highly important for a man of liberal education. The subject-matter is treated from the point of view of natural science. Where possible,

class-demonstrations are employed. A part of the time is devoted to experimental work.

Elective for Sophomores, Juniors and Seniors.

[3. Social Psychology. First Semester: Tuesday, Thursday, Saturday, 9.30.]

Omitted in 1912–1913; to be given in 1913–1914.

This course deals with the special mental phenomena occurring in men because they are members of a social group.

Prerequisites, Courses 1, 2.

[4. Abnormal Psychology. Second Semester: Tuesday, Thursday, Saturday, 9.30.]

Omitted in 1912–1913; to be given in 1913–1914.

This course considers the abnormal facts of mental life, such as insanity, hypnotism, and multiple personality.

Prerequisites, Courses 1, 2.

5. Practice Course in Experimental Psychology. First Semester: two laboratory periods of three hours each, at the convenience of instructor and students.

The object of this course is training in methods of investigation, in the discovery and reliance upon evidence, with special reference to the particular application to the science of psychology. To this end the experiments of pioneer investigators are repeated, and some of the problems of the special senses, of apperception, association, feeling, volition, attention, are worked over in their wake.

Prerequisites, Courses 1, 2.

6. Special Laboratory Investigations. Second Semester.

A few students are admitted from Course 5 to assist the instructor in the conduct of original investigations. The hours are determined by consultation. Under certain circumstances this work may be continued for another year.

PHYSICS

Professor Hutchins

1. Elementary Physics: Mechanics and Heat. Lectures, recitations and laboratory work. Text-book: Reed and Guthe's

College Physics. First Semester: Monday, Wednesday, 8.30; Friday, 8.30–10.30.

2. Continuation of Course 1. Electricity and Light. Second Semester: at the same hours.

Elective for those who have passed or are taking Mathematics 1, 2.

[3. General Physics: Mechanics. Text-books: Millikan and other texts. First Semester: Monday, Wednesday, Friday, 1.30–3.30.]

[4. Heat. Text-books: Millikan and others. Second Semester: at the same hours.]

Omitted in 1912–1913.

5. Magnetism and Electricity. Text-book: Franklin and McNutt's Electricity. First Semester: Monday, Wednesday, Friday, 1.30–3.30.

6. Sound and Light. Text-book: Edser's Light. Second Semester: Monday, Wednesday, Friday, 1.30–3.30.

Courses 3, 4, 5, 6 comprise two years' work in the subject of General Physics. They are designed to meet the requirements of students who are preparing to teach in secondary schools, or who are intending to pursue further work in graduate or technical schools. The work in these courses is largely experimental. Precision instruments are used and tested, and results are required from the use of apparatus constructed wholly or in part by the student. Courses 3, 4 are given in alternation with 5, 6.

Prerequisites, Courses 1, 2 or their equivalent.

SPANISH

PROFESSOR F. W. BROWN

[1. Grammar, composition and reading. First Semester: three hours a week.]

[2. Continuation of Course 1. Reading of modern prose. Second Semester: three hours a week.].

Omitted in 1912–1913.

Bowdoin College

SURVEYING AND DRAWING

Assistant Professor Alvord

Drawing

1. Mechanical Drawing. First Semester: Tuesday, Thursday, 1.30–4.00.

Lettering, dimensioning, working drawings.
Prerequisites, Mathematics 1, 2.

2. Descriptive Geometry. Second Semester: at the same hours.

Prerequisite, Drawing 1.

Surveying

1. Surveying. First Semester: Tuesday, Thursday, 9.30–12.30.

2. Continuation of Course 1. Second Semester: at the same hours.

Field work with chain, tape, stadia, compass, level and transit. Computations, scale drawings, contour maps and profiles.

Elective for those who have passed or are taking Drawing 1.

Courses of Instruction

COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work of the first year of the Medical School is accepted in place of the required courses of the Senior year in the College.

Students intending to avail themselves of this privilege are required to register in the College at the opening of the college year. They will then be excused from further attendance until the opening of the Medical School.

MEDICAL PREPARATORY COURSE

A course, not leading to a degree, has been established for students intending to study medicine.

The entrance requirements are the same as for the academic courses.

Students entering this course are required to make affirmation of their purpose to pursue their medical studies after completing the course, with a statement from parent or guardian to that effect, and with the understanding that change to regular standing in the College will be made only by special vote of the Faculty.

Students who propose to take but one year in this course are required to take: Chemistry 1, 2; English 1, 2, 5; Hygiene; Zoölogy 1, 2; and one elective from the following: French; German; Physics 1, 2, (for those who have had the equivalent of Mathematics 1, 2); and Mathematics 1, 2.

Students who propose to take two years in this course are required to take: *First Year*: Chemistry 1, 2; English 1, 2, 5; Hygiene; Zoölogy 1, 2; Mathematics 1, 2. *Second Year*: Chemistry 3, 4; Zoölogy 3, 4; Physics 1, 2; French or German; and one elective.

Students who complete the first year in this course and wish to take the second year must take Mathematics 1, 2; Physics 1, 2 the second year, if they have not had them the first year.

Bowdoin College

SCHEDULE OF COURSES

	8.30	9.30	10.30	11.30
Mon.	German 5 Math. 1, Div. A Math. 1, Div. C Phil. 1 Physics 1	Art 1 Eng. Lit. 1 French 3 Geology 1 Math. 1, Div. B Polit. Sci. 1	Chemistry 1 History 7 Italian 3 Zoölogy 5	French 5 French 7 History 3 Latin 7 Math. 3 Phys. Tr. 1 Zoölogy 5
Tues.	Education 1 Greek 1 Latin 3 Math. 1, Div. A Math. 1, Div. C Music 1 Psych. 1	Economics 1 Greek 7 Math. 1, Div. B Music 3 Surveying 1 Zoölogy 9	Economics 5a Eng. 1, Div. A English 11 German 3 Greek 3 Latin 1, Div. B Surveying 1	Economics 3 Eng. 1, Div. B English 3 German 7 Latin 1 Div. A Latin 5 Phil. 3 Surveying 1
Wed.	German 5 Greek 1 Math. 1, Div. A Math. 1, Div. C Phil. 1 Physics 1	Art 1 Eng. Lit. 1 French 3 Geology 1 Math. 1, Div. B Polit. Sci. 1	Chemistry 1 History 7 Italian 3 Zoölogy 5	French 5 French 7 History 3 Latin 7 Math. 3 Phys. Tr. 1 Zoölogy 5
Thurs.	Education 1 Hygiene Latin 3 Music 1 Psych. 1	Economics 1 Eng. 1, Div. B Greek 7 Latin 1, Div. A Music 3 Surveying 1 Zoölogy 9	Economics 5a Eng. 1, Div. A English 11 German 3 Greek 3 Latin 1, Div. B Surveying 1	Economics 3 English 3 German 7 Latin 5 Phil. 3 Phys. Tr. 1 Surveying 1
Fri.	German 5, Greek 1 Math. 1, Div. A Math. 1, Div. C Phil. 1 Physics 1	Art 1 Eng. Lit. 1 French 3 Geology 1 Math. 1, Div. B Physics 1 Polit. Sci. 1	Chemistry 1 Eng. 1, Div. A History 7 Italian 3 Latin 1, Div. B Zoölogy 5	Eng. 1, Div. B French 5 French 7 History 3 Latin 1, Div. A Latin 7 Math. 3 Zoölogy 5
Sat.	Education 1 Greek 1 Latin 3 Music 1 Psych. 1	Economics 1 Greek 7 Latin 1, Div. A Music 3 Zoölogy 9	Economics 5a Eng. 1, Div. A English 11 German 3 Greek 3 Latin 1, Div. B	Economics 3 Eng. 1, Div. B English 3 German 7 Phil. 3

Schedule of Courses

FIRST SEMESTER, 1912-1913

	1.30	2.30	3.30	4.30
Mon.	Ger. 1, Div. A History 1 Physics 5 Zoölogy 1	Chemistry 3 French 1 Ger. 1, Div. B Greek A Physics 5	Phys. Tr. 2	Phys. Tr. 4
Tues.	Drawing 1 Eng. Lit. 3 Ger. 1, Div. A	Drawing 1 Ger. 1, Div. B German 13 Greek A	Drawing 1 German 13	Phys. Tr. 3
Wed.	History 1 Physics 5 Zoölogy 1	Chemistry 3 French 1 Physics 5	Phys. Tr. 2.	Phys. Tr. 4
Thurs.	Drawing 1 Eng. Lit. 3 Ger. 1, Div. A	Chemistry 5 Drawing 1 English 6 Ger. 1, Div. B German 11 Greek A	Drawing 1 German 11 Phys. Tr. 2	Phys. Tr. 3
Fri.	Eng. Lit. 3 Ger. 1, Div. A History 1 Physics 5 Zoölogy 1	Chemistry 3 French 1 Ger. 1, Div. B Greek A Physics 5	Phys. Tr. 3	Phys. Tr. 4

Tuesday evening 7.00–9.30, English 6.

Courses not scheduled are at the convenience of instructor and students.

Bowdoin College

SCHEDULE OF COURSES

	8.30	9.30	10.30	11.30
Mon.	Botany 1 German 6 Math. 2, Div. A Math. 2, Div. C Phil. 2 Physics 2	Art 2 Botany 1 Eng. Lit. 2 French 4 Math. 2, Div. B Polit. Sci. 2	Chemistry 2 History 8 Italian 4 Zoölogy 6	French 6 French 8 History 4 Math. 4 Phys. Tr. 1 Zoölogy 6
Tues.	Mineralogy 1 Greek 2 Math. 2, Div. A Math. 2, Div. C Music 2 Psych. 2	Economics 2 Greek 8 Math. 2, Div. B Music 4 Surveying 2	Economics 6 Economics 8 Eng. 2, Div. A German 4 Greek 4 Latin 2, Div. B Surveying 2	Economics 4b Eng. 2, Div. B English 4 German 8 Latin 2, Div. A Phil. 4 Surveying 2
Wed.	Botany 1 German 6 Greek 2 Math. 2, Div. A Math. 2, Div. C Phil. 2 Physics 2	Art 2 Botany 1 Eng. Lit. 2 French 4 Math. 2, Div. B Polit. Sci. 2	Chemistry 2 History 8 Italian 4 Zoölogy 6	French 6 French 8 History 4 Math. 4 Phys. Tr. 1 Zoölogy 6
Thurs.	Mineralogy 1 Music 2 Psych. 2	Economics 2 Eng. 2, Div. B Greek 8 Latin 2, Div. A Music 4 Surveying 2	Economics 6 Economics 8 Eng. 2, Div. A German 4 Greek 4 Latin 2, Div. B Surveying 2	Economics 4b English 4 German 8 Phil. 4 Phys. Tr. 1 Surveying 2
Fri.	Botany 1 Eng. 5, Div. C German 6 Greek 2 Math. 2, Div. A Math. 2, Div. C Phil. 2 Physics 2	Art 2 Botany 1 Eng. 5, Div. E Eng. Lit. 2 French 4 Math. 1, Div. B Physics 2 Polit. Sci. 2	Chemistry 2 Eng. 5, Div. D History 8 Italian 4 Latin 2, Div. B Zoölogy 6	Eng. 5, Div. F French 6 French 8 History 4 Latin 2, Div. A Math. 4 Zoölogy 6
Sat.	Mineralogy 1 Greek 2 Music 2 Psych. 2	Economics 2 Greek 8 Latin 2, Div. A Music 4	Economics 6 Economics 8 Eng. 2, Div. A German 4 Greek 4 Latin 2, Div. B	Economics 4b Eng. 2, Div. B English 4 German 8 Phil. 4

Schedule of Courses

SECOND SEMESTER, 1912-1913

	1.30	2.30	3.30	4.30
Mon.	Ger. 2, Div. A History 2 Physics 6 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Ger. 2, Div. B Greek B Physics 6	Phys. Tr. 2	Phys. Tr. 4
Tues.	Drawing 2 Eng. Lit. 4 Ger. 2, Div. A Latin 4	Drawing 2 Ger. 2, Div. B German 14 Greek B	Drawing 2 German 14	Phys. Tr. 3
Wed.	History 2 Physics 6 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Physics 6	Phys. Tr. 2	Phys. Tr. 4
Thurs.	Drawing 2 Eng. Lit. 4 Ger. 2, Div. A Latin 4	Chemistry 8 Drawing 2 English 7 Ger. 2, Div. B German 12 Greek B	Drawing 2 German 12 Phys. Tr. 2	Phys. Tr. 3
Fri.	Eng. Lit. 4 Ger. 2, Div. A History 2 Physics 6 Zoölogy 2	Chemistry 4 Chemistry 6 French 2 Ger. 2, Div. B Greek B Physics 6	Phys. Tr. 3	Phys. Tr. 4

Tuesday evening 7.00–9.30, English 7.

Courses not scheduled are at the convenience of instructor and students.

Lectures

ANNIE TALBOT COLE LECTURESHIP

This lectureship was founded by Mrs. Calista Mayhew, of South Orange, N. J., in memory of her niece, Mrs. Samuel Valentine Cole, of Norton, Mass. The incumbent, appointed for one year, gives a series of lectures before the College. These lectures are open to the public. According to the provision of the donor, this lectureship is to "aim at contributing to the ennoblement and enrichment of life by standing for the idea that life is a glad opportunity. It shall, therefore, exhibit and endeavor to make attractive the highest ideals of character and conduct, and also, in so far as possible, foster an appreciation of the beautiful as revealed through nature, poetry, music and the fine arts."

BENJAMIN APTHORP GOULD FULLER LECTURESHIP

This lectureship, founded in 1911 in memory of Benjamin Apthorp Gould Fuller, A.M., of the Class of 1839, provides for instruction in personal hygiene.

Administration of the College

TERMS AND VACATIONS

The Academic Year is divided into two Semesters, or terms, of equal length. Commencement Day is the fourth Thursday of June. The Summer Vacation of thirteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of about ten days at or near the first of April. The following are also observed as holidays: Columbus Day, Thanksgiving Day, Washington's Birthday, Patriots' Day, Memorial Day and Ivy Day.

REGISTRATION

All students are required to register on the first day of each Semester, except that Freshmen on entering college are required to register on Wednesday afternoon preceding the opening of the academic year. A fee of two dollars is charged for registration after the opening day.

COLLEGE BILLS

Bills, containing college charges, are mailed to the parent or guardian of each student at the close of each Semester; these bills become payable at once.

No student will be advanced in class standing until all the dues of the previous year have been paid; and no degrees will be conferred upon students who have not paid all their dues to the College.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

During the time that term bills which are overdue remain unpaid a student receives no credit for college work.

Bowdoin College

ESTIMATED EXPENSES

The following table exhibits three scales of annual expenditure. Room rent, heat, and light are estimated on the supposition that two students occupy the same room, thus materially reducing the expense. No attempt is made to estimate such expenses as furniture, traveling expenses, class dues, athletic subscriptions, and fraternity fees, since the taste and character of individual students vary to such a degree that all such estimates are of little value.

	Lowest	Average	Liberal
Tuition	$75.00	$75.00	$75.00
Incidental college charges	12.00	12.00	12.00
Room rent (two persons sharing a room)	36.00	40.00	54.00
Lighting ($6 per lamp per year)	6.00	12.00	18.00
Board (thirty-six weeks, $4 to $5)	144.00	162.00	180.00
Books and stationery	10.00	20.00	40.00
Washing	10.00	18.00	27.00
	$293.00	$339.00	$406.00

Rooms, including their daily care, in the college dormitories may be rented at prices varying from $36 to $54 a year for each occupant where two share the room. The price is doubled for a single occupant. The item of steam heat is included. Electric lights are furnished at the rate of $6 per 16 c.p. lamp per year. None of the college rooms are furnished. Application for rooms should be made to the Treasurer.

FEES FOR EXTRA COURSES

The payment of fees for extra courses is regulated by the following provisions:

(1) The sum of seven dollars and a half ($7.50) is charged for each extra course (save as provided in 4, below,) the same to be paid in advance and to be rebated at the close of the Semester in which the course is taken, provided the four regular

courses and the extra course be passed, and the extra course be not taken to remove a condition previously incurred in that subject or substituted for a condition in some other subject. (2) Such charges are remitted in the case of the two required fifth courses, provided these be not taken prior to Senior year. (3) Courses repeated for the removal of a condition and courses substituted for such conditions are regarded as extra courses. (4) For each of the three subjects in Freshman Mathematics, and for Hygiene and English 5, the charge is pro rata whenever these subjects are in question under the preceding provisions.

ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily college prayers which are held on each week day at 8.20 A. M., and on Sundays at 5 P. M.

EXAMINATIONS

The regular examinations of the College are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the Dean has power to suspend the action of this rule.

RANK

The rank of a student in each course is computed on a scale of ten (10), but is preserved on the college records in the letters A, B, C, D and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7; E, a rank lower than 6, and a condition.

REPORTS OF STANDING

A report of the rank of each student is sent to his parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from chapel.

Bowdoin College

REQUIREMENTS FOR DEGREES

In order to be recommended for the degree of Bachelor of Arts or Bachelor of Science, a candidate must have passed thirty-four courses,—a course is a subject pursued for one Semester,—together with English 5, Hygiene and four courses in Physical Training. He must, moreover, have attained a grade of C or higher in half his courses.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the Master's degree consist of a full year's residence devoted to such advanced study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

DEGREES WITH DISTINCTION

The Degree of Bachelor of Arts or Bachelor of Science with Distinction is awarded in three grades:

Cum Laude. A candidate is recommended for a degree *cum laude* who has obtained a grade of A or B in seven-eighths of his courses.

Magna cum Laude. A candidate is recommended for a degree *magna cum laude* who has obtained a grade of A in three-fourths, and B in another eighth of his courses.

Summa cum Laude. A candidate is recommended for a degree *summa cum laude* who has obtained a grade of A in seven-eighths of his courses. A candidate for a degree *summa cum laude* must have been in residence at Bowdoin College at least three years.

RELIGIOUS EXERCISES

Prayers are held each morning except Sunday in the college Chapel, and a vesper service is held on Sunday. All students are required to be present. From time to time during the year prominent clergymen of various denominations come to Bruns-

wick as College Preachers. They occupy the pulpit of the First Parish Church in the morning and speak in the college Chapel in the afternoon.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is an un-denominational student organization, membership in which is open to every undergraduate. This year seventy per cent of the students are enrolled as members.

The Y. M. C. A. stands definitely for a life governed by the principles of Christ as interpreted to meet the actual needs of college men. Membership includes the desire to be disciples of Jesus Christ in life and service.

The Association conducts many lines of work. The weekly meetings are addressed by prominent ministers and laymen from out of town, and members of the Faculty and Alumni. A series of addresses is given upon some practical subject, such as "The Church at Work," or "Christianity and the Social Problems." Each College Preacher meets informally the students of the College at one of the fraternity houses, on the Sunday evening of his visit.

The students meet in informal groups for Bible and Mission study. The leaders of these groups are trained in normal classes which are conducted by members of the Faculty.

The Association partially supports, as the Bowdoin Missionary in India, A. S. Hiwale, of the Class of 1909. The social service activities include a Sunday School in a near-by town, a Gymnasium class for Brunswick boys, collection of clothing and magazines for charitable institutions, a Text-book Loan Library for needy students, and an Employment Bureau conducted by the General Secretary.

The Association has the services of a General Secretary whose office is in Hubbard Hall. All students are welcome to consult him about any matter in which he can be of service.

BOARD OF PROCTORS

The maintenance of order in the dormitories and the responsibility for their proper care are vested in a Board of Proctors. The members for the year 1912-1913 are:

The DEAN, *Chairman*

Laurence Alden Crosby	Leon Everett Jones
Cedric Russell Crowell	James Augustus Norton
Paul Howard Douglas	Philip Shaw Wood

STUDENT COUNCIL

The Student Council is composed of ten members from the Senior class and two from the Junior class elected annually by the undergraduates. In matters pertaining to student affairs it makes recommendations to the student body, and occasionally to the Faculty. The members for the year 1912-1913 are:

Cedric Russell Crowell, *President*
Laurence Alden Crosby, *Secretary*

Paul Howard Douglas	Lawrence Willey Smith
John Edward Dunphy	Frederic Shaw Wiggin
Charles Blanchard Haskell, Jr.	Philip Shaw Wood
Douglas Howard McMurtrie	Clarence Arthur Brown
George Lincoln Skolfield, Jr.	Robert Devore Leigh

ATHLETIC COUNCIL

The regulation of the athletic interests of the College is accomplished by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the College, and five each from the alumni and student bodies. The members for the year 1912-1913 are as follows:

Alumni	*Students*
Chas. Taylor Hawes, *Chairman*	Charles Blanchard Haskell, Jr.
Franklin Conant Payson	Philip Shaw Wood

Administration of the College

Barrett Potter
George Colby Purington
Donald Cameron White
Elroy Osborne LaCasce
Robert Thomas Weatherill
Herbert Alton Lewis

Faculty

Professor Frank Nathaniel Whittier
Professor Manton Copeland

FRATERNITY LIFE

The students of the College have divided themselves into nine groups for the purposes of social and personal relations. Eight of these groups are chapters of national Greek-letter societies. The Bowdoin Club, established this year in one of the college houses, gives an opportunity for all others to enjoy many of the social and home-like advantages of fraternity life.

MEDICAL ATTENDANCE

A fund of $1,000, given by Mr. and Mrs. George F. Godfrey, of Bangor, in memory of their son, Henry Prentiss Godfrey, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician, Dr. Whittier, whose office is in Adams Hall.

Scholarships

By the recent bequest of Joseph Edward Merrill, of the Class of 1854, $4,000 annually has been added to the amount distributed to students in the form of scholarships. At present the total amount devoted to scholarships and prizes in aid of meritorious students of slender means is over $12,000 annually.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the College. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 15th.

Lawrence Foundation. A fund of $6,000, given by Mrs. Amos Lawrence of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass. (1847)

Brown Memorial Scholarships. A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. Brown of Portland, in memory of his son, James Olcott Brown, A.M., of the Class of 1856. According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year. (1865)

Alfred Johnson Scholarships. Three scholarships of $1,000 each, founded by Alfred Waldo Johnson of Belfast, of the Class of 1845 in memory of his grandfather, Rev. Alfred Johnson, and his father, Hon. Alfred Johnson. (1870)

William B. Sewall Scholarship. A scholarship of $1,000, founded by Mrs. Maria M. Sewall, in memory of her husband, William B. Sewall, Esq. (1870)

Stephen Sewall Scholarship. A scholarship of $1,000,

given by Deacon Stephen Sewall of Winthrop. (1871)

Shepley Scholarship. A fund of $1,000, given by Hon. Ether Shepley, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine. (1871)

Mary L. Savage Memorial Scholarship. A scholarship of $1,000, founded by Rev. William T. Savage, D.D., of Quincy, Ill., in memory of his wife, Mary L. Savage. (1872)

And Emerson Scholarships. A fund amounting at present to $7,000, given by And Emerson, Esq., of Boston, through Rev. Dr. E. B. Webb. (1875)

Benjamin Delano Scholarship. A scholarship of $1,000, bequeathed by Captain Benjamin Delano of Bath. (1877)

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

Mary Cleaves Scholarships. Three scholarships of $1,000 each, founded by the will of Miss Mary Cleaves. (1871)

John C. Dodge Scholarship. A fund of $1,000, given by Hon. John C. Dodge, LL.D. (1872)

Cram Memorial Scholarship. A scholarship of $1,000, founded by Hon. Marshall Cram of Brunswick, in memory of his son, Nelson Perley Cram, of the Class of 1861, who lost his life in the service of his country. (1872)

Charles Dummer Scholarships. A fund of $6,000, given by Mrs. Almira C. Dummer, in memory of her husband, Charles Dummer, A.M., who was for many years a member of the Board of Overseers. (1874)

Buxton Scholarship. A fund at present amounting to $3,800, contributed by Cyrus Woodman, Esq., of Cambridge, Mass., to aid deserving students, preference being given to natives and residents of Buxton. (1875)

Justus Charles Fund. A fund established by the will of Justus Charles of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving and needy. (1875)

W. W. Thomas Scholarships. Six scholarships of $1,000

each, founded by Hon. W. W. Thomas of Portland, to be awarded under certain conditions. (1875)

Pierce Scholarship. A scholarship of $1,000, bequeathed by Mrs. Lydia Pierce of Brunswick, in memory of her son, Elias D. Pierce. (1878)

G. W. Field Scholarships. Two scholarships of $2,000 each, given by Rev. George W. Field, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School. (1881)

Blake Scholarship. A fund of $4,000, bequeathed by Mrs. Noah Woods, of Bangor, in memory of her son, William A. Blake, of the Class of 1873. (1882)

Moses R. Ludwig and Albert F. Thomas Scholarship. Founded by Mrs. Hannah C. Ludwig of Thomaston. (1884)

James Means Scholarship. A scholarship of $2,000, given by William G. Means, Esq., of Andover, Mass., in memory of his brother, Rev. James Means, of the Class of 1833, who died in the service of his country. (1885)

Huldah Whitmore Scholarships. Two scholarships of $2,500 each, given by Hon. William Griswold Barrows, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions. (1887)

Nathaniel McLellan Whitmore Scholarship and George Sidney Whitmore Scholarship. Two scholarships of $1,000 each, given by Mrs. Mary J. Whitmore, in memory of her sons, Nathaniel McLellan Whitmore, of the Class of 1854, and George Sidney Whitmore, of the Class of 1856. (1887)

George Franklin Bourne Scholarship. A scholarship of $1,000, given by Mrs. Narcissa Sewall Bourne, of Winthrop. (1887)

Lockwood Scholarship. A scholarship of $1,000, established by Mrs. Sarah F. Lockwood in memory of Hon. Amos DeForest Lockwood, a former treasurer of the College. (1888)

Scholarships

William Little Gerrish Scholarship. A scholarship of $1,000, given by Dr. Frederic H. Gerrish, LL.D., in memory of his brother, William Little Gerrish, of the Class of 1864. (1890)

Garcelon and Merritt Fund. The sum of $1,000 from the income of the Garcelon and Merritt Fund is appropriated for the aid of worthy students. (1891)

Cyrus Woodman Trust Fund. A fund, now amounting to $35,000, established by Cyrus Woodman, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships. (1891)

Joseph N. Fiske Scholarship. A scholarship of $1,000 given by Mrs. Charlotte M. Fiske of Boston, in memory of her husband. (1896)

Joseph Lambert Fund. A bequest of $1,000 by Mrs. Ann E. Lambert, of Jamaica Plain, Mass. (1896)

Crosby Stuart Noyes Scholarships. Two scholarships of $2,000 each, established by Crosby S. Noyes, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot. (1897)

Henry T. Cheever Scholarship. A scholarship of $500, given by Rev. Henry T. Cheever, D.D., of Worcester, Mass., to be awarded by the President under certain conditions. (1897)

Moses M. Butler Scholarships. A fund of $10,000 given by Mrs. Olive M. Butler, of Portland, in memory of her husband, Moses M. Butler, of the Class of 1845, to establish four scholarships. (1902)

Stanwood Alexander Scholarship. A scholarship of $2,500, given by Hon. DeAlva S. Alexander, of Buffalo, N. Y., of the Class of 1870, in memory of his father, Stanwood Alexander, of Richmond, Maine, to be awarded under certain conditions. (1902)

John Prescott Webber, Jr., Scholarship. A sum of $2,500, given by John P. Webber, Esq., of Boston, Mass., in memory of his son, John Prescott Webber, Jr., of the Class of 1903. (1902)

Ellen J. Whitmore Scholarship. A scholarship of $2,000, given by Miss Ellen J. Whitmore, of Brunswick. (1902)

Cyrus Woodman Scholarships. A fund now amounting to $3,400, given by Miss Mary Woodman, of Cambridge, Mass., to establish one or more scholarships in memory of her father. (1902)

Fred Whitney Flood Scholarship. The sum of $100 is given each year by Louis Clinton Hatch, Ph.D., of Bangor, of the Class of 1895, as a scholarship in memory of his college-mate, Fred Whitney Flood. (1902)

William Law Symonds Scholarship. A fund of $3,000, founded by his family in memory of William Law Symonds, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature. (1902)

Class of 1872 Scholarship. A fund of $2,500 given by the Class of 1872. (1902)

Charles M. Cumston Scholarship. A fund of $23,850, given by Charles McLaughlin Cumston, LL.D., of the Class of 1843, the income to be given preferably to graduates of the English High School of Boston. (1903)

Albion Howe Memorial Loan Fund. A sum of $1,200 given by Lucian Howe, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother, Albion Howe, of the Class of 1861. (1903)

John Franklin Morrison Scholarship. A scholarship of $1,000 founded by Benjamin F. Morrison, of Medford, Mass., in memory of his grandson, John Franklin Morrison, of the Class of 1908, preference to be given to residents of Medford. (1907)

Class of 1881 Scholarship. A fund of $2,000 given by the Class of 1881. (1907)

Richard Almy Lee Scholarship. A scholarship providing for the tuition of one student. Established by Elizabeth Almy Lee in memory of her son, a Senior of the Class of 1908, who, with his friend and companion, John Franklin Morrison, of the

same class, lost his life July 9, 1907, while on a pleasure cruise along the coast. In making the award preference will be shown to the Beta Theta Pi Fraternity. (1908)

ANNIE E. PURINTON SCHOLARSHIP. A fund of $5,000 given by Mrs. D. WEBSTER KING in memory of her sister, Miss ANNIE E. PURINTON, for the establishment of a scholarship "the income thereof to be used to assist some deserving student through his college course, preference being given to a Topsham or Brunswick boy." .. (1908)

GEORGE P. DAVENPORT LOAN AND TRUST FUND. A sum of $200 given by GEORGE P. DAVENPORT, A.M., of Bath, Maine, for the establishment of a loan fund. (1908)

JOSEPH E. MERRILL SCHOLARSHIPS. Four thousand dollars per year, from the income of the JOSEPH E. MERRILL FUND to assist needy and deserving American-born young men, preference being given to those born in the State of Maine, in securing an education at Bowdoin College. (1908)

EDWARD HENRY NEWBEGIN SCHOLARSHIP. A fund of $1,500 given by HENRY NEWBEGIN, A.M., of the Class of 1857, to establish a scholarship in memory of his son, Rev. EDWARD HENRY NEWBEGIN, of the Class of 1891. To be awarded under certain conditions. (1909)

RICHARD WOODHULL SCHOLARSHIP. The sum of $10,000 given by Mrs. MARY E. W. PERRY to found and maintain a scholarship to be named for her father, Rev. RICHARD WOODHULL, of the Class of 1827, preference to be given to his descendants. (1911)

DANA ESTES SCHOLARSHIP. A bequest of $2,500 from DANA ESTES, A.M., late of Brookline, Mass. (1911)

EDWARD F. MOODY SCHOLARSHIP. A bequest of $2,000 from Miss INEZ A. BLANCHARD of Portland, the income to be given to one or more meritorious students for proficiency in chemistry. (1911)

Graduate Scholarships

Charles Carroll Everett Scholarship. Certain real estate in Brunswick, in trust, the net income of which is given to that member of the graduating class of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country. (1903)

Henry W. Longfellow Graduate Scholarship. A fund of $10,000 given by the daughters of Henry W. Longfellow—Miss Alice M. Longfellow, Mrs. Edith L. Dana, and Mrs. Anne L. Thorp—for a graduate scholarship "that would enable a student, after graduation, to pursue graduate work in some other college, or abroad, if considered desirable; the work to be done in English, or general literature, and the field to be as large as possible—Belles Lettres in a wide sense. The student to be selected should be some one not merely proficient in some specialty, or with high marks, but with real ability in the subject, and capable of profiting by the advanced work, and of developing in the best way." (1907)

Prizes

David Sewall Premium. A prize amounting to Ten Dollars is awarded annually to a member of the Freshman class for excellence in English Composition. (1795)

Class of 1868 Prize. A prize of Thirty-five Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior class. (1868)

Smyth Mathematical Prize. A fund of $6,500, the gift of Henry J. Furber, Esq., of Chicago, named by him in honor of Professor William Smyth. From the present income of the fund $300 is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recita-

tions; but the Faculty may at its discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives $100 at the time the award is made. The remaining $200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time. (1876)

Sewall Greek Prize. A prize of Twenty-five Dollars, given by Professor Jotham Bradbury Sewall, of Brookline, Mass., of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore class who sustains the best examination in Greek. (1879)

Sewall Latin Prize. A prize of Twenty-five Dollars, also given by Professor Sewall, is awarded to the member of the Sophomore class who sustains the best examination in Latin. (1879)

Goodwin Commencement Prize. A prize of Fifty Dollars, given by Rev. Dr. Daniel Raynes Goodwin, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part. (1882)

Pray English Prize. A prize of Forty-five Dollars, given by Dr. Thomas J. W. Pray, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition. (1889)

Goodwin French Prize. A prize of Twenty-five Dollars, given by Rev. Dr. Daniel Raynes Goodwin, is awarded annually to the best scholar in French. (1890)

Noyes Political Economy Prize. This prize, consisting of the annual income of $1,000, was established by Crosby Stuart Noyes, A.M., and is awarded to the best scholar in Political Economy. (1897)

Brown Composition Prizes. Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. Philip G. Brown, of the Class of 1877, in memory of Philip Henry Brown, Esq., of Portland, of the Class of 1851, are offered to

the Senior class for excellence in Extemporaneous English Composition. (1901)

Class of 1875 Prize in American History. This prize, consisting of the annual income of three thousand dollars, was established by William J. Curtis, of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History. (1901)

Bradbury Debating Prizes. Prizes amounting to Sixty Dollars, given by Hon. James Ware Bradbury, LL.D., of the Class of 1825, are awarded each year for excellence in debating. (1901)

Hawthorne Prize. A prize of Forty Dollars, given by Mrs. George C. Riggs (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior and Senior classes. (1903)

Alexander Prize Fund. This fund was established by Hon. DeAlva S. Alexander, of the Class of 1870, to furnish two prizes of Twenty Dollars and Ten Dollars for excellence in select declamation. Competition is open to Freshmen, Sophomores and Juniors. (1905)

Philo Sherman Bennett Prize Fund. This fund was established by Hon. W. J. Bryan from trust funds of the estate of the late Philo Sherman Bennett, of New Haven, Connecticut, the proceeds to be used for a prize for the best essay discussing the principles of free government. Competition is open to Juniors and Seniors. (1905)

Almon Goodwin Prize Fund. This fund of $1,000 was established by Mrs. Maud Wilder Goodwin, in memory of her husband, Almon Goodwin, of the Class of 1862. The annual income is awarded to a Phi Beta Kappa man to be chosen by vote of the Trustees of the College at the end of the recipient's Junior year. (1906)

Hiland Lockwood Fairbanks Prize Fund. This fund of $2,000 was established by Captain Henry N. Fairbanks, of

Bangor, in memory of his son, Hiland Lockwood Fairbanks, of the Class of 1895. One-half of the annual income is awarded for excellence of work in debating (English 6, 7) throughout the year; one-fourth is awarded as two prizes of Fifteen Dollars and Ten Dollars for excellence of work in declamation (English 5) during the second Semester; and the remaining fourth is left at the disposal of the English Department for the promotion of interest in public speaking. (1909)

The College Buildings

There are fourteen college buildings: Massachusetts Hall, the administrative building; Maine Hall, Winthrop Hall and Appleton Hall, the dormitories; the Chapel; Seth Adams Hall and Memorial Hall, recitation buildings; Sargent Gymnasium, now used in part for the central heating and lighting plant; the Observatory; the Walker Art Building; the Mary Frances Searles Science Building; Hubbard Hall, the library building; the Hubbard Grand-Stand and athletic quarters; and the Gymnasium and General Thomas Worcester Hyde Athletic Building.

These buildings and their equipment are described and illustrated in a pamphlet which will be sent gratis upon application to the Dean.

Physical Training

The Gymnasium and General Thomas Worcester Hyde Athletic Building together form one of the largest and best adapted equipments for physical training in the country.

The Gymnasium has a frontage of 80 feet and a depth of 140 feet. On the first floor are the lockers, dressing rooms, managers' and instructor's rooms, and rooms for boxing, fencing and hand-ball. On the second floor is the main exercising room 112 feet by 76 feet, a smaller exercising room, a trophy room and offices.

The building is equipped with the most approved apparatus, is heated and lighted by modern methods, and is supplied with a ventilating system able to change the air throughout the building every twenty minutes.

The General Thomas Worcester Hyde Athletic Building is connected with the Gymnasium. It has a ground floor 160 feet by 120 feet, and a one-twelfth mile running track ten feet wide. In this building are set off spaces 120 feet by 40 feet for track athletics and 120 feet by 120 feet for a full sized baseball diamond with space to over-run the bases by nearly fifteen feet.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted in all respects for baseball, football, and track athletics.

A separate pamphlet has been prepared giving a brief history of Physical Training at Bowdoin College, with numerous illustrations and a description of the new Gymnasium and General Thomas Worcester Hyde Athletic Building.

The Art Collections

The art treasures of the College,—except the portraits and busts in Memorial Hall and the mural paintings in King Chapel,—are exhibited in the Walker Art Building. This building was designed by Messrs. McKim, Mead and White and erected by the Misses Harriet and Sophia Walker of Waltham, Massachusetts, as a memorial of their uncle, Theophilus Wheeler Walker.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis, of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on

either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the College by Honorable James Bowdoin, and a series of portraits of the presidents and distinguished benefactors of the College. The Boyd Gallery contains, mainly, the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, a collection of Japanese and Chinese works of art, in part owned by the College and in part loaned by Professor William A. Houghton, a collection of objects of Oriental Art given by David S. Cowles, Esq., the Virginia Dox collection of objects of native American art, a collection of original Classical Antiquities from Mycenaean to Roman times given by Mr. Edward P. Warren, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Hon. Harold M. Sewall, Mr. Dana Estes, and other friends of the College. The Sophia Wheeler Walker Gallery contains exclusively works of art given by the Misses Walker, being chiefly specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker.

In the basement are a lecture room, and a room of Assyrian sculpture. The lecture room is decorated by a loan collection of marbles, bronzes, paintings, etchings, porcelains and large framed photographs, placed here by Mrs. White in memory of her husband, Percival W. White and son, Richard F. White, of the Class of 1912.

The building is open to visitors week-days from 10 A. M. to 12.30 P. M., and from 1.30 to 4.00 P. M., and Sundays from 1.30 to 4.30 P. M.

The Library

The Library contains 103,000 volumes and several thousand unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Medical School of Maine, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in 1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a

special reading-room for the daily newspapers, and another for a choice collection, not yet complete, of fine editions of the works of the great masters of literature.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. The library is a depository of the catalogue cards issued by the Library of Congress and this bibliographical collection of increasing value and serviceableness can be consulted by any investigator. Though no formal instruction in bibliography is given, the librarian and his assistants are ready to lend personal aid to inquirers. Moreover, through the coöperation of the Department of Rhetoric, the librarian is enabled to meet all the new students in groups of eight or less at required conferences of an hour each in which the use of the card catalogue, the principles that govern the location of books, and the scope of certain common works of reference are set forth by practical exercises.

During term time, the library is open week-days from 8.30 A. M. to 5.30 P. M., and from 6.45 to 9.45 P. M., and Sundays from 2.00 to 4.50 P. M. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

Annual accessions, which average three thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of the following library funds:

Smyth Library Fund. Provision for this fund was made in 1876 by Hon. Henry J. Furber of the Class of 1861, from the excess income of the Smyth Mathematical Prize. Its proceeds are devoted to mathematical books.

Sibley Library Fund. This fund, now amounting to $7,000, was established in 1881 by Jonathan Langdon Sibley, A.M., Librarian of Harvard College, and is for the purchase of books relating to American history.

Sherman Library Fund. This fund of $1,000 was established in 1882 by Mrs. John C. Dodge, of Cambridge, Mass., in memory of her brothers, Joseph Sherman, LL.D., of the Class of 1826, and Thomas Sherman, M.D., of the Medical Class of 1828. Its proceeds are given to current literature.

Ayer Library Fund. This fund of $1,000 was established by the Athenæan Society in 1887 from a bequest of Hon. Samuel Hazen Ayer, of the Class of 1839.

Bond Library Fund. This fund, amounting to $7,000, was given by Rev. Elias Bond, D.D., of the Class of 1837. From its income are purchased books relating to religion and ethics.

Packard Library Fund. This fund, based upon receipts from certain publications of the library, is devoted to the purchase of books relating to the State of Maine as a memorial of Professor Alpheus Spring Packard, D.D., of the Class of 1816.

Wood Library Fund. This fund of $1,000 was given in 1890 by Dr. Robert W. Wood, of Cambridge, Mass., of the Medical Class of 1832. From its proceeds are purchased books on sociology.

George S. Bowdoin Library Fund. This fund of $1,000, given in 1895 by the gentleman whose name it bears, is devoted to the maintenance of a collection of books relating to the Huguenots.

Joseph Walker Fund. This fund, now amounting to $5,000, was given in 1896 by the Trustees under the will of the late Joseph Walker of Portland. Its proceeds in accordance with a vote of the Boards are applied to the general uses of the library.

Philip Henry Brown Library Fund. This fund of $2,000, the income of which is devoted to the purchase of books on rhetoric and literature, was given in 1901 by the executor of the estate of Captain John Clifford Brown in fulfillment of the latter's desire to establish a memorial of his father, Philip Henry Brown, Esq., of the Class of 1851.

Drummond Library Fund. This fund of $3,000 is a memorial of the Rev. James Drummond, of the Class of 1836, and

was given in 1907 by his widow and his daughter, Mrs. Charles F. Dole, of Boston, Mass.

Class of 1877 Library Fund. This fund of about $1,000 is a class contribution, made for the most part in 1908.

Class of 1882 Library Fund. This fund of $2,300 was given by the Class of 1882 as its contribution to the permanent funds of the College in 1908.

Class of 1890 Library Fund. This fund of about $1,000 is a class contribution, made in 1908.

Class of 1901 Library Fund. This fund of about $1,000 is a class contribution, made in 1908.

Fiske Library Fund. This fund of $1,000 was established by the will of Rev. John Orr Fiske, D.D., of the Class of 1837. Its income became available in 1910.

William A. Packard Library Fund. This fund of $5,000 was established in 1910 by the will of Professor William Alfred Packard, Ph.D., D.D., of the Class of 1851. Its income is used "preferably for the purchase of such books as illustrate the Greek and Latin languages and literatures."

MEDICAL SCHOOL OF MAINE

FACULTY

REV. WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT.
FRANKLIN CONANT PAYSON, LL.D., *of the Trustees. Lecturer on Medical Jurisprudence.*
DANIEL ARTHUR ROBINSON, A.M., M.D., *of the Overseers.*
ERNEST BOYEN YOUNG, A.B., M.D., *of the Overseers.*

ADDISON SANFORD THAYER, A.B., M.D., DEAN *and Professor of Medicine.*
ALFRED MITCHELL, M.D., LL.D., *Professor Emeritus of Internal Medicine.*
FREDERIC HENRY GERRISH, M.D., LL.D., *Professor Emeritus of Surgery and Professor of Medical Ethics.*
CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology.*
JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*
ALFRED KING, M.D., Sc.D., *Professor of Surgery.*
WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology and Otology.*
FRANK NATHANIEL WHITTIER, A.M. M.D., *Professor of Pathology and Bacteriology, and Deputy Dean in Brunswick.*
HENRY HERBERT BROCK, A.B., M.D., *Professor of Clinical Surgery.*
EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor of Obstetrics.*
WALTER EATON TOBIE, M.D., SECRETARY *and Professor of Anatomy.*

Medical School of Maine

CHARLES HENRY HUNT, A.B., M.D., *Professor of Materia Medica, Pharmacology and Therapeutics.*

MARSHALL PERLEY CRAM, PH.D., *Professor of Chemistry.*

GUSTAV ADOLF PUDOR, A.B., M.D., *Professor of Dermatology.*

WILLIAM HERBERT BRADFORD, A.M., M.D., *Professor of Clinical Surgery.*

GILMAN DAVIS, M.D., *Professor of Diseases of the Nose and Throat.*

ALFRED MITCHELL, JR., A.B., M.D., *Professor of Genito-Urinary Surgery.*

EDVILLE GERHARDT ABBOTT, A.M., M.D., *Professor of Orthopedic Surgery.*

FRED PATERSON WEBSTER, A.B., M.D., *Professor of Pediatrics.*

JAMES EDWARD KEATING, A.B., M.D., *Assistant Professor of Medicine.*

WALLACE WADSWORTH DYSON, M.D., *Assistant Professor of Anatomy.*

NATHANIEL EDWARD LOOMIS, PH.D., *Assistant Professor of Chemistry.*

JAMES ALFRED SPALDING, A.M., M.D., *Clinical Instructor in Ophthalmology and Otology.*

HERBERT FRANCIS TWITCHELL, M.D., *Instructor in Clinical Surgery.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Demonstrator of Anatomy.*

WALTER DARWIN WILLIAMSON, M.D., *Instructor in Clinical Surgery.*

AMBROSE HERBERT WEEKS, M.D., *Instructor in Gastro-Enterology.*

ARTHUR SCOTT GILSON, M.D., *Instructor in Clinical Surgery.*

CHARLES MILTON LEIGHTON, A.B., M.D., *Instructor in Clinical Surgery.*

RICHARD DRESSER SMALL, A.B., M.D., *Instructor in Obstetrics.*

HENRY MARSHALL SWIFT, A.B., M.D., *Lecturer on Neurology.*

WILLIAM WHEELER BOLSTER, A.B., M.D., *Instructor in Physiology.*

HENRY WILLIAM MILLER, M.D., *Lecturer on Mental Diseases.*

THOMAS JAYNE BURRAGE, A.M., M.D., *Instructor in Medicine.*

WILLIS BEAN MOULTON, A.B., M.D., *Instructor in Diseases of Women.*

EDWIN WAGNER GEHRING, B.S., M.D., *Instructor in Medicine.*

HENRY DARENYDD EVANS, A.M., *Lecturer on Public Hygiene.*

EDWIN MOTLEY FULLER, Jr., A.B., M.D., *Instructor in Pathology and Bacteriology.*

LOUIS ANDREW DERRY, A.B., M.D., *Instructor in Materia Medica, Pharmacology and Therapeutics.*

PHILIP PICKERING THOMPSON, A.B., M.D., *Instructor in Diseases of Women.*

MANTON COPELAND, Ph.D., *Lecturer on Embryology and Histology.*

JOSEPH BLAKE DRUMMOND, A.B., M.D., *Instructor in Anatomy.*

ERASTUS EUGENE HOLT, Jr., A.B., M.D., *Instructor in Anatomy.*

ALFRED OTTO GROSS, Ph.D., *Instructor in Embryology and Histology.*

CARL HERVEY STEVENS, M.D., *Instructor in Physiology.*

ALBION HENRY LITTLE, M.D., *Clinical Assistant in Diseases of the Eye and Ear.*

FRANCIS WILSON LAMB, M.D., *Clinical Assistant in Orthopedics.*

Medical School of Maine

ALFRED WILLIAM HASKELL, M.D., *Clinical Assistant in Surgery.*

WILLIAM MORAN, M.D., *Clinical Assistant in Diseases of the Eye.*

HAROLD ASHTON PINGREE, M.D., *Clinical Assistant in Orthopedics.*

ERNEST WOODBURY FILES, A.B., M.D., *Clinical Assistant in Surgery.*

ERNEST BERTRAND FOLSOM, A.B., M.D., *Clinical Assistant in Medicine.*

ORAMEL ELISHA HANEY, M.D., *Clinical Assistant in Surgery.*

FRANCIS JOSEPH WELCH, A.B., M.D., *Clinical Assistant in Medicine.*

HAROLD JOSSELYN EVERETT, A.B., M.D., *Clinical Assistant in Obstetrics.*

LUCINDA BLAKE HATCH, M.D., *Clinical Assistant in Obstetrics.*

STANWOOD ELMAR FISHER, M.D., *Clinical Assistant in Diseases of the Nose and Throat.*

ROLAND BANKS MOORE, M.D., *Clinical Assistant in Obstetrics.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

GENERAL STATEMENT

The Medical School of Maine, established by the first Legislature of the State, was by its charter placed under the control of the Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of thirty-six weeks each. The studies are distributed through the curriculum according to the following schedule:

First Year: Anatomy, Embryology, Histology, Physiology, Chemistry, Personal Hygiene.

Second Year: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

Third Year: Medicine, Surgery, Materia Medica and Pharmacology, Public Hygiene, Diseases of Women, Obstetrics, Diseases of the Skin, Eye, Ear, Nose, Throat and Genito-Urinary System.

Fourth Year: Medicine, Surgery, Orthopedic Surgery, Therapeutics, Medical Jurisprudence, Medical Ethics, Diseases of Children, Neurology and Mental Diseases, with clinical instruction in the studies of the third year.

The total number of hours in the schedule exceeds the four thousand hours recommended by the Association of American Medical Colleges. These hours are apportioned to lectures, laboratory and clinical work in such a way as to conform to the recommendations of the above-named Association.

The students of the First and Second years are instructed at Brunswick, where the School has been situated since its foundation in 1820, and where the scientific departments of Bowdoin College afford facilities for teaching the primary branches. The Third and Fourth year classes are taught in Portland on account

of the clinical advantages afforded in that city. A building designed for the use of the School is located on Chadwick Street, near the Maine General Hospital, in which institution nearly all the teachers in the School are medical or surgical officers, and the Directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital (140 beds) is the largest single source of supply of clinical material for the School, Portland has a number of institutions, such as the Maine Eye and Ear Infirmary, the Children's Hospital, the City Hospital, the Marine Hospital, the Portland Tuberculosis Class, the Female Orphan Asylum, the St. Elizabeth's Orphan Asylum, the Holy Innocents' Home, and the Maine School for the Deaf, and the Maine School for the Blind, which will continue to contribute to bedside instruction of the students. The Edward Mason Dispensary, a gift to Bowdoin College from Mr. and Mrs. Hugh J. Chisholm, is increasing notably the facilities for clinical teaching.

Admission to the School

REQUIREMENTS FOR ADMISSION

The Trustees and Overseers of Bowdoin College on recommendation of the Faculty have voted that in and after 1912 one year of study in a reputable college will be required for admission to the Medical department, in which time particular attention shall be bestowed upon physics, chemistry, biology, and either French or German. It is advised that students take two years of college work along the same lines.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the First year, must give satisfactory evidence that they have completed a course or courses of instruction, equivalent in kind and amount to that or those in this school preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates stating that examinations have been passed in other schools are not accepted in lieu of examinations.

Time spent in pharmaceutical, dental and veterinary institutions and in preparatory schools does not entitle a student to examinations for advanced standing.

Students in the Senior class of the Academic department are permitted to take the studies of the First year in the Medical department and thus are eligible for the First year final Medical examinations.

It is desired that a literal interpretation shall be placed upon the requirements stated for candidates for matriculation, as hitherto there have been not infrequent examples of those who inquire if conditions other than those named will not serve in lieu of the examination.

Medical School of Maine

EXAMINATIONS FOR ADMISSION

Examinations for admission to the First year will be held at 9 A. M. on Thursday, October 16, 1913.

Re-examinations, deferred examinations and examinations for advanced standing for those who desire to enter the Second year will be held in Brunswick, on Friday, October 17, 1913, examination in anatomy at 8 A. M., in physiology at 2 P. M. Re-examinations, deferred examinations and examinations for advanced standing for those wishing to enter the Third year will be held in Portland on Saturday, October 18, 1913, examination in anatomy at 9 A. M., in physiology at 2 P. M. Re-examinations, deferred examinations and examinations for those wishing to enter the Fourth year will be held in Portland on Friday and Saturday, October 17 and 18, 1913, at hours to be hereafter appointed.

ADMISSION BY DIPLOMA

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

COURSES OF INSTRUCTION

ANATOMY

PROFESSOR TOBIE, ASSISTANT PROFESSOR DYSON AND DOCTORS ELLIOTT, DRUMMOND, HOLT AND STEVENS

1. Systematic Anatomy. Lectures, demonstrations and recitations. Whole year: Tuesday, Friday, 9.30–10.30, except six weeks following the Easter vacation.

PROFESSOR TOBIE

2. Recitations. Gerrish's Text-Book. Tuesday, 8.15–9.15, until the Easter vacation. ASSISTANT PROFESSOR DYSON

3. Recitations. Gerrish's Text-Book. Friday, 8.15–9.15.

DOCTOR DRUMMOND

4. Osteology and Arthrology. Recitations and student demonstrations from the dried specimens. Whole year: Thursday, 8.15–9.15 and 9.30–10.30, except six weeks following the Easter vacation. ASSISTANT PROFESSOR DYSON

Courses 1, 2, 3, 4 cover osteology, arthrology, myology and splanchnology, the last including the central nervous system and special sense organs. Surface anatomy is studied on the living model and free use is made of dissected specimens, models and casts with which the Calvin Seavey museum is well supplied. Students are provided with disarticulated skeletons which remain in their possession throughout the year.

For First year students.

5. Practical Anatomy. Dissecting. Six weeks following the Easter vacation: six half-days a week.

PROFESSOR TOBIE, ASSISTANT PROFESSOR DYSON AND DOCTORS ELLIOTT, DRUMMOND, HOLT AND STEVENS

One hundred and thirty-five hours are devoted to practical

anatomy and at least one part of the cadaver is dissected.
For First year students.

6. Systematic and Applied Anatomy. Lectures, demonstrations and quizzes. Whole year: Tuesday, Friday, 8.15–9.15, except six weeks following the Easter vacation.

PROFESSOR TOBIE

This course includes systematic consideration of myology, angiology and neurology. Regional and applied anatomy are treated by lectures, quizzes and demonstrations, the last named involving the use of casts, recent and dried specimens and the living model.

7. Recitations. Gerrish's Text-Book. Myology, angiology and neurology. Tuesday, 9.30–10.30, until the Easter vacation.

ASSISTANT PROFESSOR DYSON

8. Recitations. Gerrish's Text-Book. Friday, 9.30–10.30.

DOCTOR DRUMMOND

Courses 6, 7, 8 are for Second year students.

9. Dissecting. Six weeks following the Easter vacation: daily, 8.15–11.30 and 1.30–4.30.

PROFESSOR TOBIE, ASSISTANT PROFESSOR DYSON AND DOCTORS ELLIOTT, DRUMMOND, HOLT AND STEVENS

During the dissecting term students are required to dissect and demonstrate a complete lateral half of the cadaver. In recent years the abundant supply of dissecting material has enabled each student to dissect practically twice the required number of parts. Second year students are required to spend two hundred and seventy hours in the anatomical laboratory and this requirement also, is usually exceeded.
For Second year students.

CHEMISTRY

PROFESSOR CRAM AND ASSISTANT PROFESSOR LOOMIS

1. Analytical Chemistry. First half-year: Monday, Wednesday, Friday, 1.30–4.30.

This course assumes a knowledge of first year chemistry

which is required for entrance. The aim of the course is not so much to train analysts as to impart familiarity with chemical substances and principles. The work is mainly in the laboratory, the book used being Tower's Qualitative Chemical Analysis. Most of the time is devoted to qualitative analysis which is followed by a few exercises in quantitative.

For First year students.

2. Organic Chemistry. Second half-year; same hours, except that the Wednesday hours are omitted for the six weeks following the Easter vacation.

The course is given mainly by lectures with some laboratory work in the preparation of certain organic compounds. Attention is given to the important classes into which organic compounds are divided and to properties and reactions common to the whole class, rather than to specific compounds and special reactions. The compounds chosen to illustrate each class are as far as possible those of importance to the physician.

3 and 4. Physiological Chemistry. Whole year; Thursday, 8.30–12.30, except six weeks following the Easter vacation.

The book used is Hawk's Practical Physiological Chemistry. The work is mainly in the laboratory, supplemented by assigned readings and quizzes. This is followed by urinary analysis, the analysis of foods, detection of poisons, and the analysis of drugs and medicines.

First year men who have had satisfactory courses in analytical chemistry and organic chemistry, take the regular work in physiological chemistry with the Second year men their First year. In their Second year such men will be given an opportunity to do advanced individual work in the newer methods of urinary analysis and in research. Men desiring to be excused from either first year course should present certificates from previous instructors stating the rank which they have received.

The aim is to make the chemical courses as practical as possible. To this end the student is taught how to construct apparatus and prepare reageants as well as to use them. Particular attention is given also to the literature so that a man may become familiar with the standard works of reference in each department. For this the equipment of the Searles Science Building is fully adequate.

Each student is required to pay in advance at the office of the Deputy Dean a laboratory fee, covering the average cost of chemicals, gas and water. This is $3.00 for the First year and $2.00 for the Second year. In addition each will pay for apparatus broken or not returned at the end of the term.

DERMATOLOGY

PROFESSOR PUDOR

Didactic and clinical lectures. Dispensary. One hour a week. Clinic sections, one hour a week.

For Third year students.

DISEASES OF THE NOSE AND THROAT

PROFESSOR DAVIS

The Third year class will receive special instruction, both didactic and clinical, in Diseases of the Nose and Throat, weekly, throughout the course. Special attention will be given to the anatomy of the parts, to diagnosis, and to the clinical study of the conditions which the general practitioner is most often called upon to treat. Clinical instruction will continue through the Fourth year.

GENITO-URINARY SURGERY

PROFESSOR ALFRED MITCHELL, JR.

Didactic and clinical lectures. Dispensary. One hour a week. Clinic sections, one hour a week.

For Third year students.

GYNECOLOGY

PROFESSOR THOMPSON AND DOCTORS WILLIS BEAN MOULTON AND PHILIP P. THOMPSON

1. Lectures, quizzes, recitations and demonstrations. Whole year: Wednesday, 10.00. PROFESSOR THOMPSON

For Third year students.

2. Course in the examination of female patients. History-taking, instruction in "Touch Examinations." Dispensary. Whole year: Monday, Thursday, 11.00.

Doctors W. Bean Moulton and Philip P. Thompson

For Fourth year students.

3. A course in the microscopical examination of fresh and prepared sections from gynecological cases. Twelve hours during the second half-year. Doctor W. Bean Moulton

For Fourth year students.

4. Gynecological operations at the Maine General Hospital of which notice is given.

HISTOLOGY AND EMBRYOLOGY

Lecturer Copeland and Doctor Gross

1. Histology. Text-book, lectures and laboratory exercises. First half-year: Monday, 8.30–11.30, Thursday, 1.30–4.30.

The elementary tissues are first studied, then the microscopic anatomy of the various organs of the human body. Some practice is provided in histological technic.

For First year students.

2. Embryology. Text-book, lectures and laboratory exercises. Second half-year: Monday, 10.30–12.30, Tuesday, 1.30–5.30.

This course serves as an introduction to vertebrate embryology with special reference to the human embryo. It treats of the reproductive cells, maturation, fertilization, cleavage, the formation of the germ layers, the development of the primitive segments, the formation of the fetal membranes and organogeny.

For First year students.

Medical School of Maine

MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS

Professor Hunt and Doctor Derry

1. Pharmacology. First half-year: Monday, 9.00–10.00, Tuesday, 8.00–9.00.

This is a text-book course of thirty hours. It gives the student a general idea of the action of the more important drugs.

For Third year students.

2. Laboratory Materia Medica and Pharmacology. First half-year: Monday, Thursday, 4.00–6.00.

This is a laboratory course of sixty hours. Early in the course are taken up Botany, Plant Chemistry, the manufacture of pharmaceutical preparations and the study of incompatibles. The last three-fourths of the course are devoted to experimental pharmaco-dynamics. The students perform experiments, either individually or in groups, on living animals. These experiments give the students a first-hand knowledge of the action of the more important drugs.

For Third year students.

3. Pharmacology and Therapeutics. Second half-year: Monday, 9.00–10.00, Tuesday, 8.00–9.00.

This is a lecture course of thirty hours. Instruction is by lectures and quizzes. The systematic study of drugs and other remedial agents and their application to the treatment of disease is begun.

For Third year students.

4. Continuation of Course 3. First half-year: Monday, Wednesday, 11.00–1.00.

This is a course of sixty hours.

For Fourth year students.

5. Therapeutics. Second half-year: Monday, Wednesday, 11.00–1.00.

This is a text-book course of sixty hours.

For Fourth year students.

The total number of hours of instruction in this department is 240.

MEDICAL ETHICS

PROFESSOR GERRISH

Medical Ethics. Second half-year: Saturday.

A course of lectures on the moral principles, which should control the conduct of the medical practitioner. The sections of the formal code of ethics are discussed and explained, special emphasis being laid upon those portions that most need elucidation; and instruction is given upon various other matters concerning duty, on which the young physician particularly needs advice and guidance.

For Fourth year students.

MEDICAL JURISPRUDENCE

LECTURER PAYSON

The instruction in Medical Jurisprudence, in a course of lectures followed by an examination, will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients and also to their character and position as medical expert witnesses in Courts of Justice. Practical suggestions will be given for guidance in both respects.

MEDICINE

PROFESSOR THAYER, ASSISTANT PROFESSOR KEATING, AND DOCTORS WEEKS, BURRAGE, GEHRING, WELCH AND FOLSOM

1. A preliminary survey of the whole field of Practice of Medicine as covered in the text-book of Osler. Three hours a week. PROFESSOR THAYER

2. Practical instruction in physical examinations. Sections. Dispensary. Six hours a week.

DOCTORS BURRAGE AND GEHRING

3. Clinical Diagnosis. Sections. City Hospital. Two hours a week. PROFESSOR THAYER

4. Tuberculosis clinic. Dispensary. Sections. Tuesday, 11.00–12.00. Doctor Welch

Courses 1, 2, 3, 4 aim to teach a practical technic in the making of succinct case-histories, in the physical examination of patients, and in the laboratory study of blood, stomach-contents, faeces, urine and sputum.

For Third year students.

5. Bedside and laboratory study in wards. Maine General Hospital. Sections. Ten hours a week.

Assistant Professor Keating and Doctor Weeks

6. Instruction in specially assigned topics. Case reports. Clinical conferences. Two hours a week.

Assistant Professor Keating

7. Tuberculosis clinic. Sections. Friday, 9.00–11.00.

Doctors Moore, Everett and Drummond

8. Amphitheatre clinic. Tuesday, 10.00–12.00.

Professor Thayer

Courses 5, 6, 7, 8 are intended to teach each student to sift his facts,—to correlate the subjective symptoms related by the patient with his own objective findings after examination, —and to reason soundly in the direction of prognosis and treatment.

For Fourth year students.

MENTAL DISEASES

Lecturer Miller

Lectures. Laboratory demonstrations. Clinics. Individual study of cases. Four entire Saturdays at the Maine Insane Hospital.

For Fourth year students.

NEUROLOGY

Lecturer Swift

Clinics. Lectures. Laboratory work. Recitations. Whole year: Tuesday, Friday, 5.00–6.00.

For Fourth year students.

OBSTETRICS

PROFESSOR MCDONOUGH AND DOCTORS SMALL, HATCH, EVERETT AND MOORE

1. Lecture or Conference. Monday, Friday, 9.00–10.00. PROFESSOR MCDONOUGH
2. Quiz. Tuesday, 9.00–10.00. DOCTOR SMALL
3. Section work on manikin. Hours to be assigned. DOCTOR EVERETT
4. At Dispensary. Examinations of patients to determine position and pelvic measurements, and attendance on cases, under direction of Doctors Everett and Moore.
5. At Temporary Home. Attendance on cases, under direction of Doctor Hatch.

Arrangements have been made with the Boston Lying-In Hospital whereby students who have passed examination in obstetrics at end of Third year, will attend course of ten days or two weeks during summer or fall. If assignments come during school term, credit for attendance is allowed those absent in Boston. There is no added expense. Students must present certificates of attendance on at least six cases (the average number is ten) before presenting themselves for graduation.

OPHTHALMOLOGY AND OTOLOGY

PROFESSOR WILLIS BRYANT MOULTON AND DOCTORS MORAN AND LITTLE

1. Lecture and quiz course. Whole year: one hour a week.
2. Regular clinics will be held one hour each week at the Maine General Hospital during the year. Here patients will be examined and operations performed before the class as cases are available and opportunity offers.

Clinics will also be held at the Dispensary two hours a week which will be available for students not otherwise engaged at the time.

3. Fourth year students will receive instruction in sections at the Eye and Ear Infirmary.

ORTHOPEDIC SURGERY

PROFESSOR ABBOTT AND DOCTORS PINGREE AND LAMB

Didactic and clinical lectures. Children's Hospital. One hour a week. Individual instruction in plaster-work, orthopedic dressings, and studies in the use of the X-ray, afternoons throughout the year.

For Fourth year students.

PATHOLOGY, BACTERIOLOGY AND HYGIENE

PROFESSOR WHITTIER AND DOCTORS WEEKS, FULLER AND STEVENS

1. Hygiene. Lectures and laboratory work. Second half-year: Thursday, 1.30–4.30, Saturday, 1.30–3.30, except six weeks following the Easter vacation.

This course occupies five hours a week for nine weeks. Eighteen of the hours are didactic and twenty-seven are laboratory work. Lectures are given on personal hygiene and include such subjects as exercise, ventilation, sources of food and water supply, first aid in emergency cases, effects of alcohol, and sex hygiene. The course is also designed to give an introduction to Bacteriology and includes introductory lectures on that subject. The laboratory work includes simpler bacteriological technic, microscopical examination of foods, practical experiments in disinfection and routine examinations of water and milk.

For First year students.

2. Bacteriology. Lectures and laboratory work. First half-year until Christmas vacation: Monday, Tuesday, Wednesday, Friday, 1.30–5.30.

This course occupies sixteen hours a week for nine weeks. Forty of the hours are didactic and one hundred and four are laboratory hours. Students are required to prepare most of the media and solutions used in this course. Each student is required to cultivate upon media twelve varieties of patho-

genic bacteria and to study their characteristics. Animal inoculations and autopsies are performed by the students. Special attention is given to laboratory diagnosis of tuberculosis, diphtheria and typhoid fever.

For Second year students.

3. General Pathology, including Pathological Histology, also Pathology of the Blood. From Christmas vacation to the end of the year except six weeks following the Easter vacation: Monday, Tuesday, Wednesday, Friday, 1.30–5.30.

This course occupies sixteen hours a week for fifteen weeks. Sixty of the hours are didactic and devoted to quizzes and lectures and one hundred and eighty are laboratory hours. McFarland's text-book is used as a basis for this course. The text-book is supplemented by lectures on special subjects. As far as possible the consideration of a subject in the classroom is followed by a study of the same subject in the laboratory. Much time is given before the Easter vacation to diagnosis work upon the microscopical preparations. The last two weeks of the course are devoted largely to the study of the pathology of the blood and the technic of blood examinations. Students are trained in counting red and white corpuscles, in estimating amount of hemoglobin, in preparation and examination of stained specimens.

For Second year students.

4. Clinical Pathology. Practical work by assignment in the Portland hospitals and in the school laboratory. Also scheduled work in the school laboratory from the Easter vacation to the end of the year: Tuesday, 2.00–5.00, Wednesday, 2.00–4.00.

This work occupies five hours a week for nine weeks. Fifteen of the hours are didactic, and thirty are laboratory hours. The course in Clinical Pathology occupies at least eighty hours. Of these only forty-five are scheduled.

Arrangements have been made with the Maine General Hospital, the Maine Eye and Ear Infirmary and Edward Mason Dispensary for Third year students to do pathological work in these institutions. Regular assignments are made and reports of work done required. By arrangement with the physicians in charge special attention is given to the clinical side of this work.

Instruction is given as opportunity occurs at surgical clin-

ics and autopsies. In the work at the Medical School building each student examines microscopically tissues and other pathological material obtained at the Maine General Hospital, Maine Eye and Ear Infirmary, Children's Hospital and Edward Mason Dispensary. Whenever possible students are required to obtain material from the patients.

Students receive special training in the technic of preparing bacterial vaccines, also in performing the Wassermann test for syphilis.

For Third year students.

PEDIATRICS

PROFESSOR WEBSTER

1. Recitations based on text-book, together with clinical demonstrations at the Children's Hospital. First half-year: Monday, 10.00, Medical School; Wednesday, 10.00, Children's Hospital.

2. Recitations conducted by the case teaching method, emphasizing differential diagnosis and treatment. Second half-year: at the same hours.

3. Clinical instruction of small sections. Whole year: Tuesday, Thursday, Saturday, 11.00–1.00, Portland Charitable Dispensary.

Infant care and feeding at the Portland Milk Station clinic.
Diseases and disorders of children at the Dispensary clinic.

4. Clinical instruction in acute diseases of childhood at the Children's Hospital and at the Female Orphan Asylum and in acute contagious diseases at the Portland Isolation Hospital. By appointment throughout the school year.

Courses 1, 2, 3, 4 are for Fourth year students.

PHYSIOLOGY

PROFESSOR SMITH AND DOCTORS BOLSTER AND STEVENS

1. Functions of Nutrition. First half-year: recitations and lectures until November 27; from December 2 to March 29,

laboratory work twice weekly, 8.00–10.30. A total of 88 hours, under direction of Doctor Bolster.

This course will include the graphic study of Nerve-Muscle physiology; the physical and microscopical study of Blood; the phenomena and physics of Circulation, Respiration, Secretion, Excretion and Digestion; Metabolism and Animal Heat.

The laboratory is equipped with a set of Harvard apparatus sufficient for the use of the entire class in groups, each group having its own complete outfit. There is an ample equipment of demonstration and other apparatus and models.

There are frequent written reviews and quizzes and a final laboratory examination is held at the close of this course.

2. Continuation of Course 1. Recitations, supplementary lectures and demonstrations. Second half-year: Wednesday, Saturday, 8.15–10.30. PROFESSOR SMITH

Courses 1, 2 are for First year students.

3. Functions of Relation. Recitations and lectures with necessary demonstrations. From opening of year to March 29: twice weekly, 8.15–10.30.

The work includes the study of Reproduction, the Nervous System, the Physiology of Voice and Speech, the Special Senses, and the mechanics of the Muscular System. The equipment in models of the Nervous System and Special-Sense organs is ample for all demonstration work, and students will have opportunity for personal study of the models of the Nervous System which are of the latest design and of special excellence.

4. Laboratory demonstration exercises, in connection with the Nervous System and the Special Senses. This course will cover over 30 hours. January, February, March: Monday, 8.00–11.00. PROFESSOR SMITH AND DOCTOR STEVENS

Work in Physiology for the Second year students is suspended for the six weeks of the dissecting term and resumed for review recitations at its close.

Courses 3, 4 are for Second year students.

Instruction in the department of Physiology will be conducted with particular reference to the practical application of the facts of human physiology to the needs of the student in his study of the diagnosis and treatment of disease.

A laboratory fee will be charged to defray the cost of material, which fee must be paid at the office of the Deputy Dean before beginning the laboratory course. This fee is $2.00 for the First year and $1.00 for the Second year. Students furnish at their own expense necessary instruments for nerve-muscle dissection, and are charged with the cost of loss and injury to apparatus.

PUBLIC HYGIENE

Lecturer Evans

Public Hygiene. First half-year: Tuesday, 3.00–5.00.

Principles of public sanitation. Source and character of water supplies. Collection and disposal of waste, with special reference to preventable diseases. Sanitary legislation. Health boards. Management of infectious diseases.

For Third year students.

SURGERY

Professors King, Brock and Bradford, and Doctors Twitchell, Gilson, Williamson, Leighton, Haskell, Files, Haney and Drummond

1. General Surgery. Whole year: Wednesday, Friday, Saturday, 8.00–9.00.

There will be special instruction in bandaging, surgical technic, the administration of anaesthetics, the use of surgical instruments, the principles of surgery, general surgery, fractures, dislocations and hernias. This will enable students to enter upon their fourth year with a comprehensive view of surgery.

For Third year students.

2. Clinical General Surgery. Whole year: Maine General

Hospital, Thursday, 10.00; Mason Dispensary, Monday, 12.00–1.00; City Hospital, Friday, 4.00–6.00.

The clinic at the Maine General Hospital will be given by a member of the visiting staff. The clinical instruction at the Mason Dispensary and City Hospital will be given by the professor of surgery.

For Third year students.

3. Special Surgery. Whole year: Monday, Tuesday, 9.00-10.00, Thursday, 5.00–6.00.

There will be instruction in the special surgery of the various organs and tissues of the body, except those taught in special departments.

For Fourth year students.

4. Clinical Special Surgery. Whole year: Ward visits in sections at the Maine General Hospital, Monday, Tuesday, Thursday, Saturday, 11.00–1.00. Operations in the amphitheatre. Operations by students on the cadaver.

Students will be notified by telephone of accident cases brought to the Hospital. They will also be afforded opportunities by the surgical staff of the Mason Dispensary of observing and assisting in the care of cases in their daily service. The surgical clinical advantages of the City Hospital, Marine Hospital and other institutions in Portland will be utilized. While a large amount of surgical clinical material is available, it is the purpose of the School to use it in a way to strengthen and not lead to the neglect of other and essential studies.

For Fourth year students.

Administration

TERMS AND VACATIONS

The 93rd annual course began on Thursday, October 17, 1912, and will continue thirty-six weeks. The systematic course of instruction began on Monday morning, October 21st. Commencement Day is the fourth Wednesday of June. The Summer Vacation of sixteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of about ten days near the first of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Patriots' Day and Memorial Day.

REGISTRATION

On arriving in Brunswick students should apply at the office of the Deputy Dean, Dr. F. N. Whittier, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purpose.

EXPENSES

For Instruction: In each of the required four years $100. This shall be paid promptly, one-half at the opening of the course and the balance at the beginning of the second half of the course.

For Examinations: Payable at the close of the term of instruction,

In Anatomy	$5.00
In Physiology	5.00
In Chemistry	5.00
In Bacteriology and Pathology	5.00
In Obstetrics	5.00

These five fees are credited on the diploma or graduation fee.

For every re-examination in any of the departments in any year, $3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of $5.00 must be paid in addition to the prescribed fee for that examination.

MISCELLANEOUS: The Matriculation fee of $5.00 is required of every student each year.

For materials used in the chemical laboratory courses, $3.00 for the First course, $2.00 for the Second course, payable in advance.

For materials used in the physiological laboratory, $2.00 for the First course, $1.00 for the Second course, payable in advance.

For anatomical material, its cost, payable in advance.

For graduation fee (not returnable), including the parchment diploma, $25.00. This will have been paid in the examination fees of the previous years.

Furnished rooms can be obtained at a rental of from $1.50 to $2.50 per week according to the conveniences. A sharing of the above expenses by two students brings the cost within reasonable limits.

The price of board is from $3.00 to $4.00 a week.

The cost of living in Portland has been found to be not necessarily in excess of that at Brunswick.

The cost of books is about $15.00 to $25.00 a year.

EXAMINATIONS AND STANDING

Final examinations for each class are held in the period just preceding Commencement.

At the end of the First, Second and Third years students who have passed successful examinations will receive certificates from the Secretary.

A student who fails to pass any branch at the required examination in June may present himself for re-examination at the

beginning of the next course. If he fails at this examination, he will not again be examined in that branch until the expiration of the year, unless admitted to conditions by vote of the Faculty on recommendation of the head of the department in which he has failed.

On recommendation of the head of a department, any student who has failed on examinations as above provided in the study of that department may by vote of the Faculty be allowed to enter upon the work of the next year, but he shall not be admitted to any examination of that year until he will have passed a satisfactory examination in the study or studies which he has previously failed to pass.

No student will be admitted to the privilege of conditions if he has failed in more than two departments.

Every student who fails to maintain a satisfactory standard of work will be warned of his deficiency from time to time, before the end of the term.

An examination which is not completed receives no consideration.

REQUIREMENTS FOR A DEGREE

In order to be recommended for the degree of Doctor of Medicine a candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution, and the last course previous to examinations must have been in this School. He must present a satisfactory certificate of good moral character from a citizen of the town in which he resides. He must also pass a satisfactory examination in the required studies previously specified and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

The Library

The Library of the Medical School, containing over 5,000 volumes, has been combined with that of the College, which numbers over 98,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate place in the main reading room for their especial use. It is not the policy of the School to furnish text-books through its library, or to buy largely in medical literature; yet by means of the catalogue of the Library of the Surgeon General's Office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

The library of the Maine Academy of Medicine and Science, now the property of the Maine Medical Association, is housed conveniently at the Maine Eye and Ear Infirmary, and is available for the use of students of the Medical School.

ALUMNI ASSOCIATIONS AND SPECIAL FITTING SCHOOLS

Alumni Associations

THE GENERAL ASSOCIATION

President, Franklin Conant Payson, LL.D.; *Vice-President,* Charles Taylor Hawes; *Secretary and Treasurer,* George Thomas Little, Litt.D., Brunswick, Me.

ASSOCIATION OF BOSTON

President, Myles Standish, M.D., Sc.D.; *Secretary,* Alfred B. White, LL.B., 85 Devonshire Street, Boston, Mass.

THE BOWDOIN CLUB OF BOSTON

President, John Clair Minot; *Secretary,* George Everett Kimball, LL.B., 1134 Tremont Building, Boston, Mass.

ASSOCIATION OF NEW YORK

President, William Curtis Merryman, C.E.; *Secretary,* Joseph Banks Roberts, LL.B., 2 Rector Street, New York City.

ASSOCIATION OF WASHINGTON

President, Hon. Charles Fletcher Johnson, LL.D.; *Recording Secretary,* Rev. Frank Sewall, D.D.; *Corresponding Secretary,* Charles Harris Hastings, Library of Congress, Washington, D. C.

ASSOCIATION OF PORTLAND

President, Franklin Conant Payson, LL.D.; *Secretary,* Edward Swasey Anthoine, A.M., 57 Exchange Street, Portland, Me.

ASSOCIATION OF OXFORD COUNTY

President, Hon. Addison Emery Herrick, A.M.; *Secretary,* Frank Kimball, Norway, Me.

KENNEBEC ALUMNI ASSOCIATION

President, Henry Sewall Webster, A.M.; *Secretary,* Blaine Spooner Viles, M.F., Augusta, Me.

ASSOCIATION OF PROVIDENCE, R. I.

President, William Henry Dyer, M.D.; *Secretary,* Murray Snell Danforth, M.D., 242 Broad Street.

ASSOCIATION OF AROOSTOOK COUNTY

President, Hon. Nicholas Fessenden; *Secretary,* Aaron Albert Putnam, LL.B., Houlton, Me.

WESTERN ALUMNI ASSOCIATION

President, Hon. Rodelphus Howard Gilmore, A.M.; *Secretary,* Paul Allen Buttrick, First National Bank, Denver, Col.

ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

Communications should be addressed to the College Librarian.

Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the college Boards. They are annually examined by representatives of the College. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools, unless the school is approved by the New England College Entrance Certificate Board.

FRYEBURG ACADEMY

Fryeburg, Me.

Incorporated February 9, 1792.

Ridgley Colfax Clark, A.B., *Principal.*

This school offers five courses of study, of four years each:

I. A Classical College Preparatory Course.
II. A Scientific College Preparatory Course.
III. A Business Course.
IV. A Manual Training Course.
V. An Agricultural Course.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

Tuition. The cost of tuition is $10.00 per term for all branches, drawing, painting and laboratory fees included.

BOARD. The cost of board in the dormitories is $4.50 a week, including heating and lights.

CALENDAR

Fall term of 14 weeks began September 17, 1912.
Winter term of 13 weeks begins January 7, 1913.
Spring term of 11 weeks begins April 8, 1913.
Examiner appointed by the College for 1912-1913: Professor Files.

WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

RALPH STANLEY SMITH, A.B., *Principal.*

This academy offers three courses of study:
I. A College Preparatory Course of four years.
II. A Scientific Course of four years.
III. An English-Commercial Course of four years.
The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The tuition fee is $8.00 a term, and covers all expenses for laboratory and commercial equipment. Vocal music and elocution are offered free to all students.

BOARD. The cost of board and room is from $3.50 to $4.00 per week. Rooms can be obtained at very low rates by students who wish to board themselves.

CALENDAR

Fall term of 14 weeks began September 9, 1912.
Winter term of 12 weeks begins December 30, 1912.
Spring term of 12 weeks begins March 29, 1913.

Examiner appointed by the College for 1912-1913: Assistant Professor McConaughy.

LINCOLN ACADEMY

Newcastle, Me.

Incorporated February 23, 1801.

Harry Lewis Bradford, A.B., *Principal.*

This school offers three courses of study:

I. A College Preparatory Course, of four years.

II. An English and Business Course, of four years.

III. Teacher's Training Course, of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

Tuition. The cost of tuition is $10.00 per term.

Board. Board can be obtained at from $3.00 to $4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

CALENDAR

Fall term of 14 weeks began September 9, 1912.

Winter term of 13 weeks begins December 31, 1912.

Spring term of 11 weeks begins April 8, 1913.

Examiner appointed by the College for 1912-1913: Assistant Professor Hormell.

THORNTON ACADEMY

Saco, Me.

Incorporated February 16, 1811.

Ernest Roliston Woodbury, A.M., *Principal.*

This academy offers four courses of study, of four years each:

I. A Classical College Preparatory Course.

II. A Scientific College Preparatory Course.

III. An English Course.

IV. A Business Course.

Bowdoin College

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

Tuition. Tuition in each course is $10.00 a term, payable in advance. Those desiring to take special studies will be charged $5.00 a term for each study.

Board. Board and room can be obtained in the Dormitory at from $5.00 to $8.00 a week.

CALENDAR

Fall term of 14 weeks began September 16, 1912.

Winter term of 12 weeks begins January 6, 1913.

Spring term of 11 weeks begins April 7, 1913.

Examiner appointed by the College for 1912-1913: Professor Ham.

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